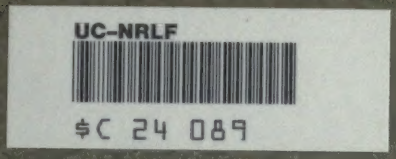
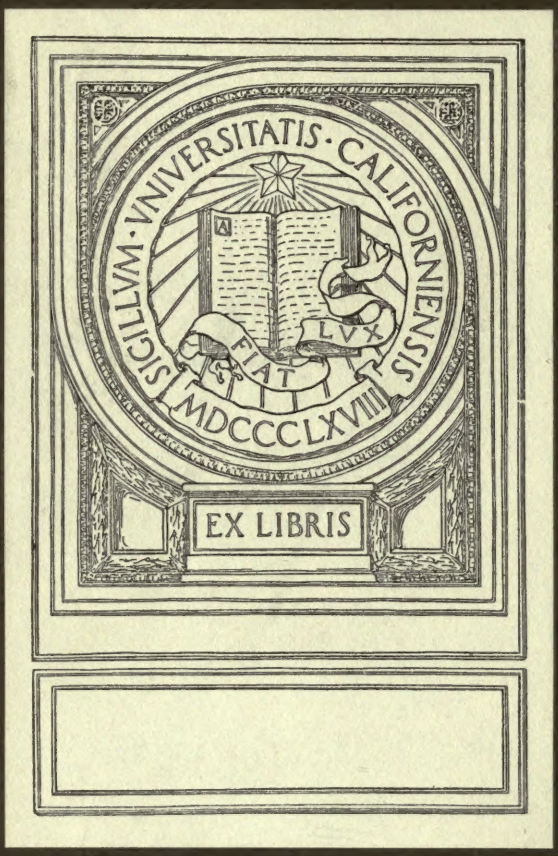
QA
501
C5
Atlas



YE 17144


SIGILLVM · VNIVERSITATIS · CALIFORNIENSIS
LVX
FIAT
MDCCCLXVIII
EX LIBRIS

PLATES

TO

DESCRIPTIVE GEOMETRY.

SHADES, SHADOWS AND LINEAR PERSPECTIVE.

LIBRARY OF THE UNIVERSITY OF CALIFORNIA

BY

ALBERT E. CHURCH,

PROFESSOR OF MATHEMATICS IN THE UNITED STATES MILITARY ACADEMY.

NEW YORK:

PUBLISHED BY A. S. BARNES & Co., 111 & 113 WILLIAM STREET.

1867.

QA501
C5
atlas

Entered, according to Act of Congress, in the year 1864, by

A. S. BARNES & Co.,

In the Clerk's Office of the District Court of the United States for the Southern District of New York.

LIBRARY OF THE UNIVERSITY OF CALIFORNIA

Fig. 1.

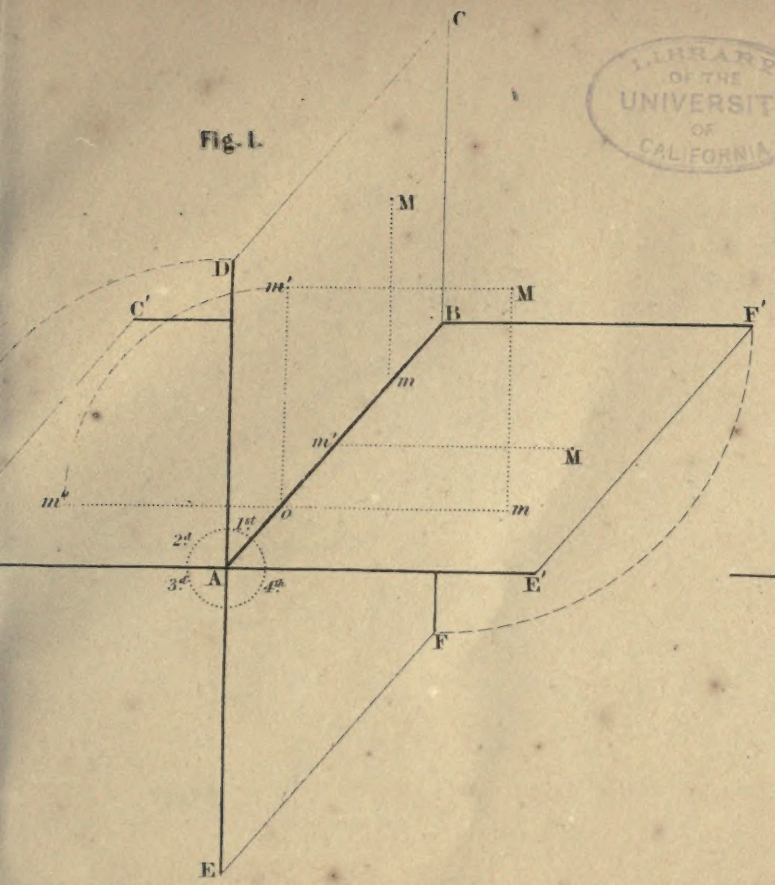


Fig. 3.

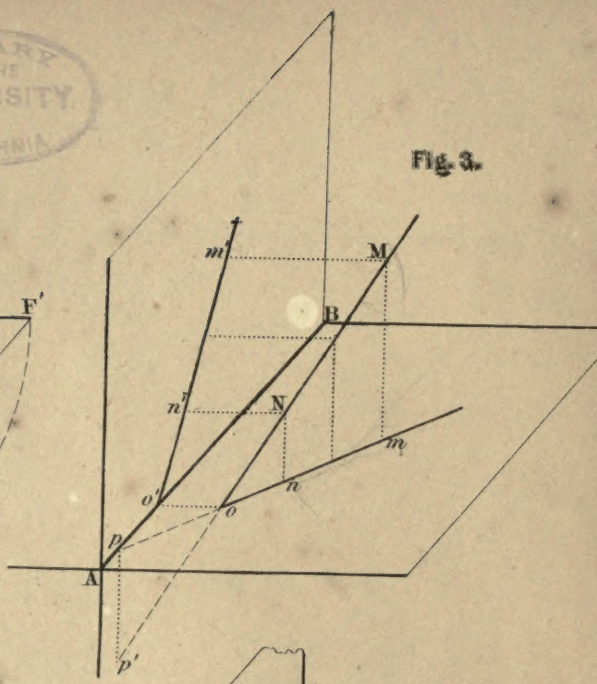


Fig. 4.

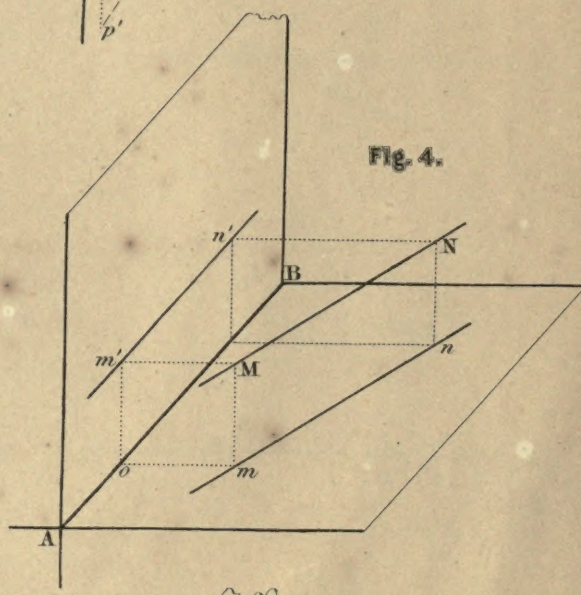


Fig. 2.

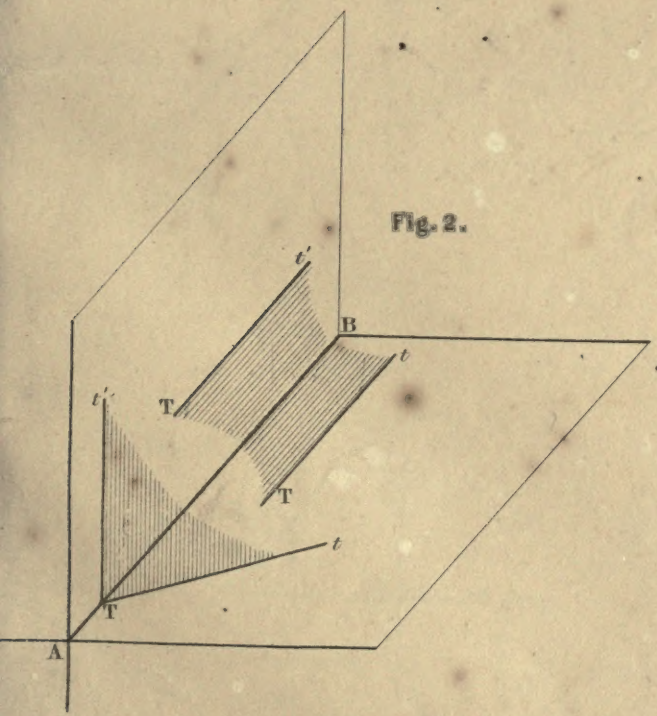
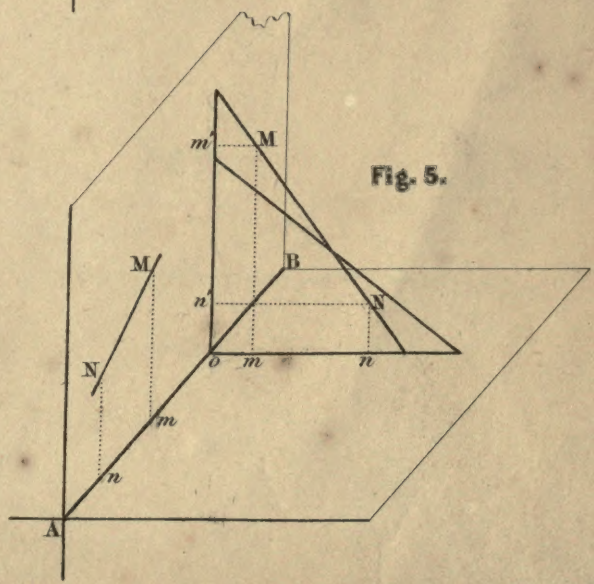
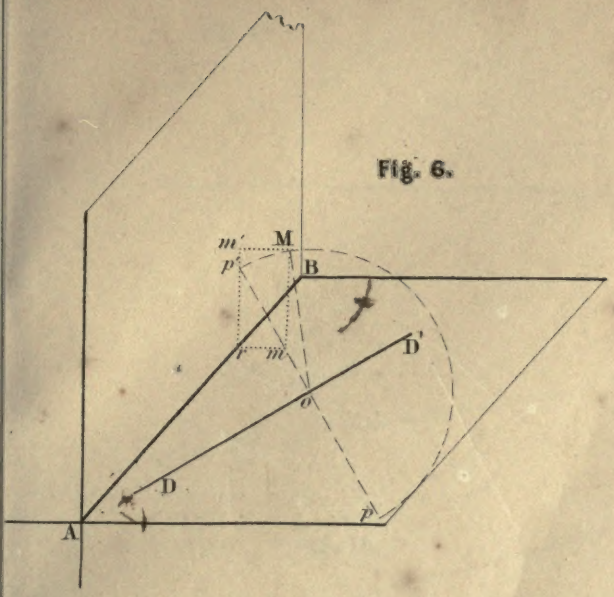


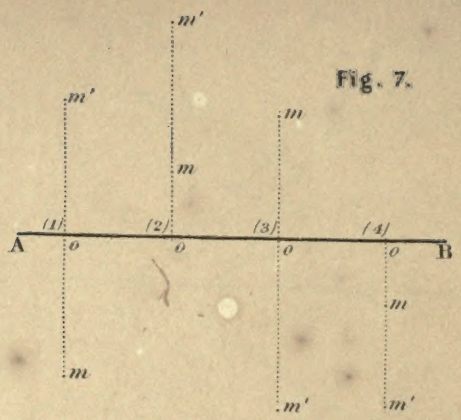
Fig. 5.

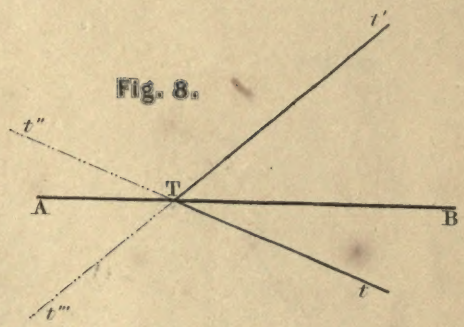


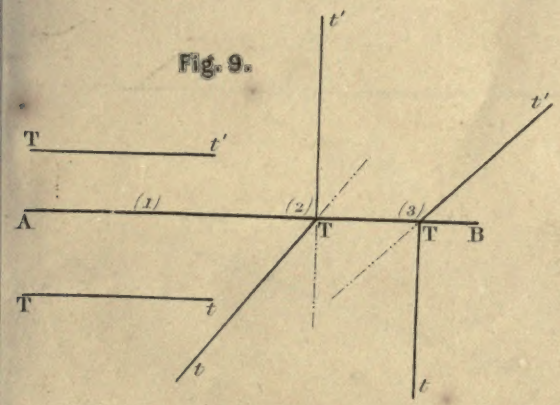
183626

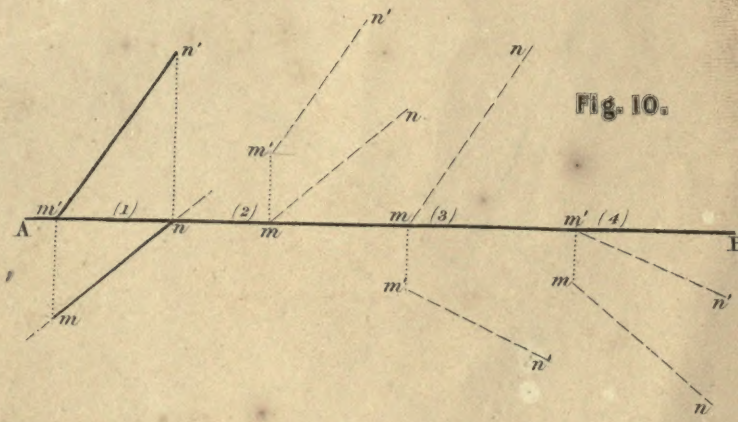
Oliver J. Stuart, sc. N.Y.

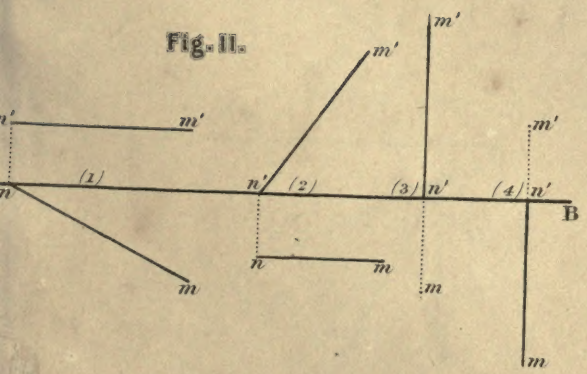


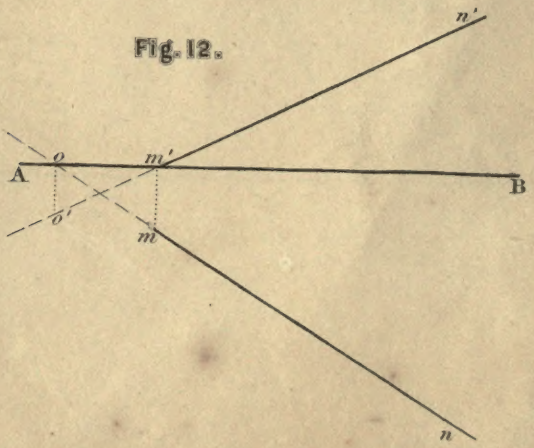












Oliver J. Stuart sc. N.Y.

Digitized by the Internet Archive
in 2008 with funding from
Microsoft Corporation

http://www.archive.org/details/platestodescript00alberich

Fig. 13.

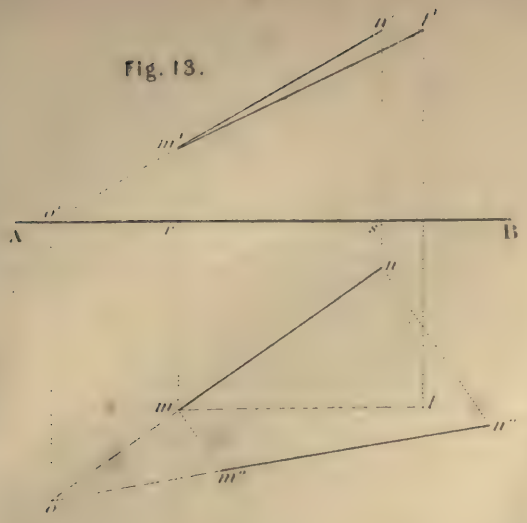


Fig. 14.

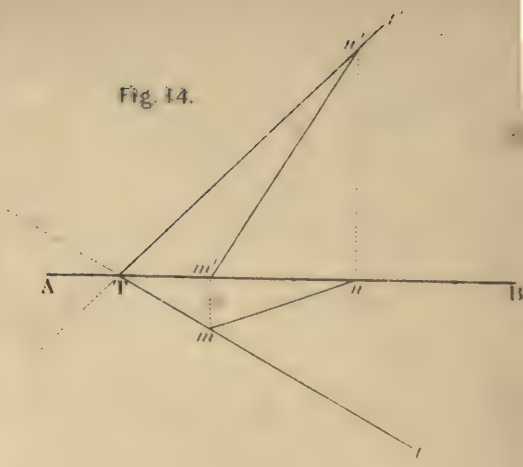


Fig. 15.

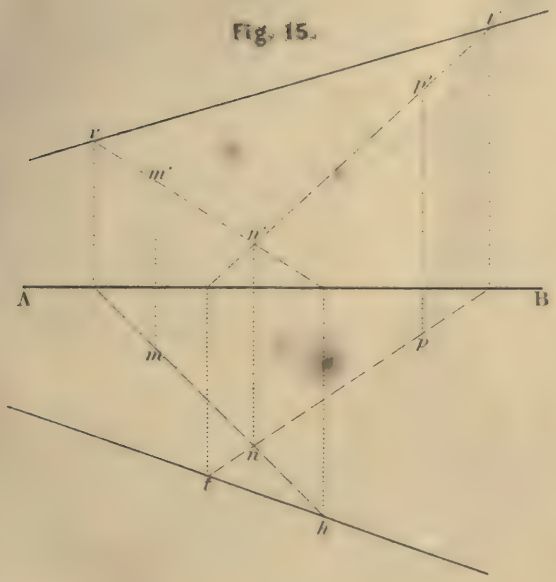


Fig. 16.

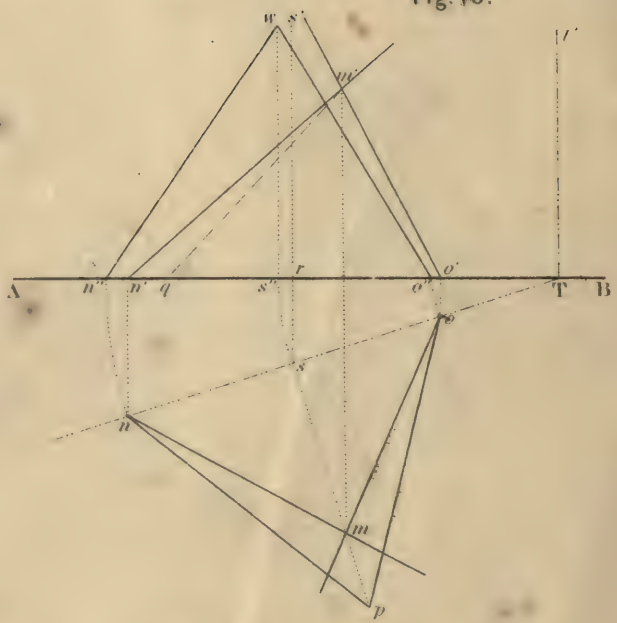


Fig. 17.

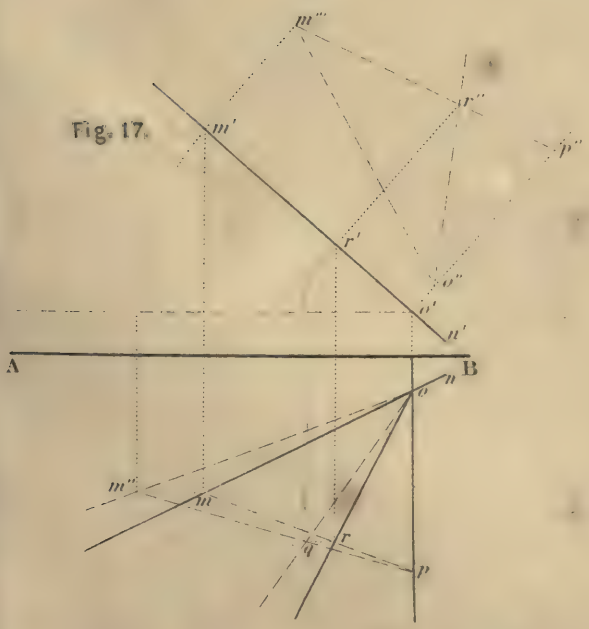
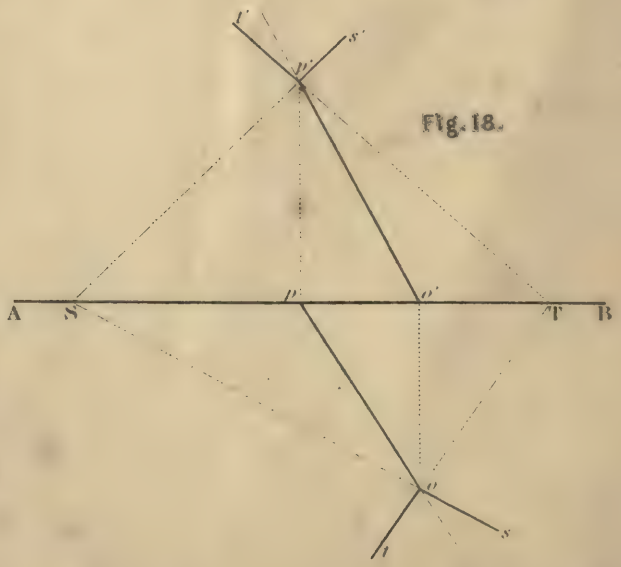
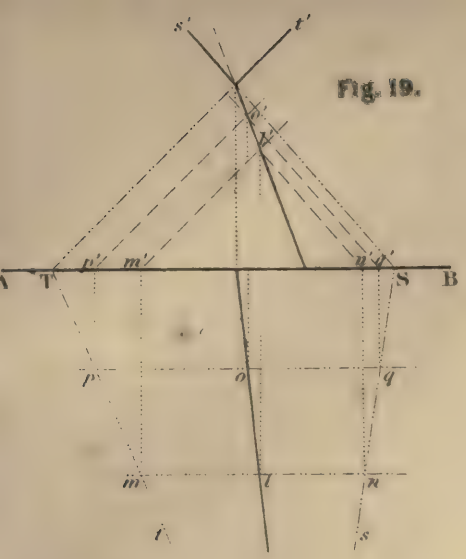


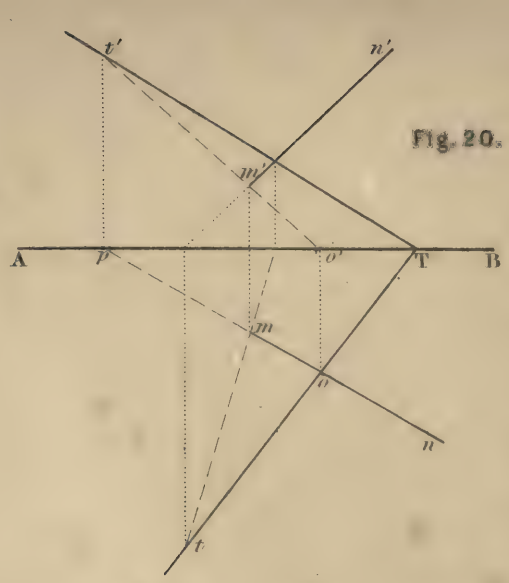
Fig. 18.

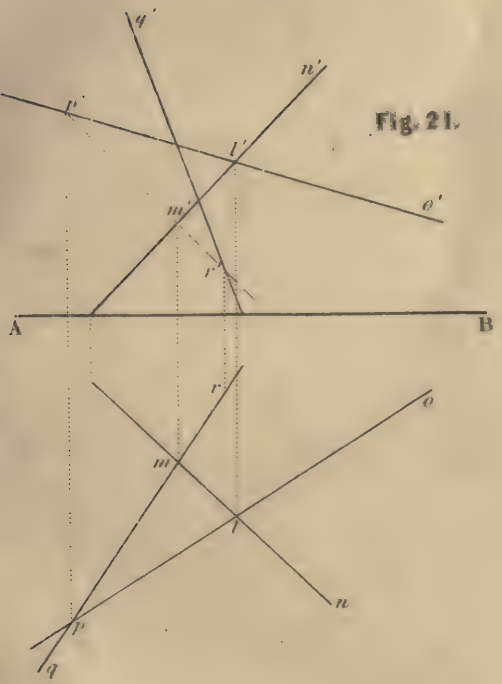


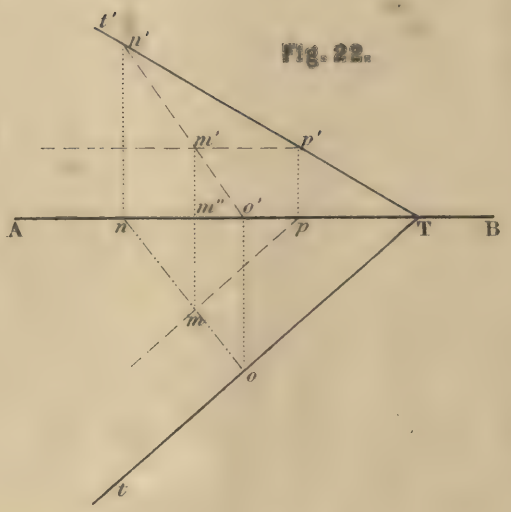
W. J. Stuart.

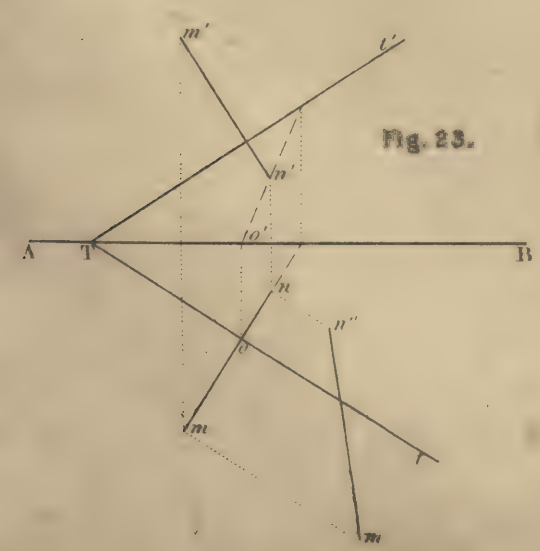
LIBRARY
OF THE
UNIVERSITY
OF
ILLINOIS

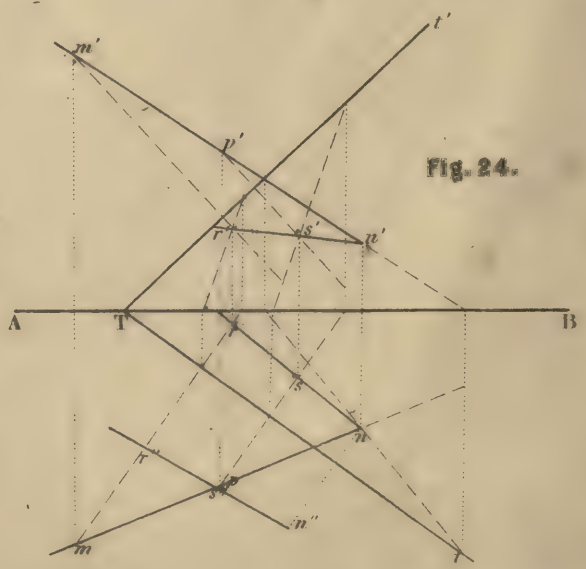












O. J. Stuart, sc. N.Y.

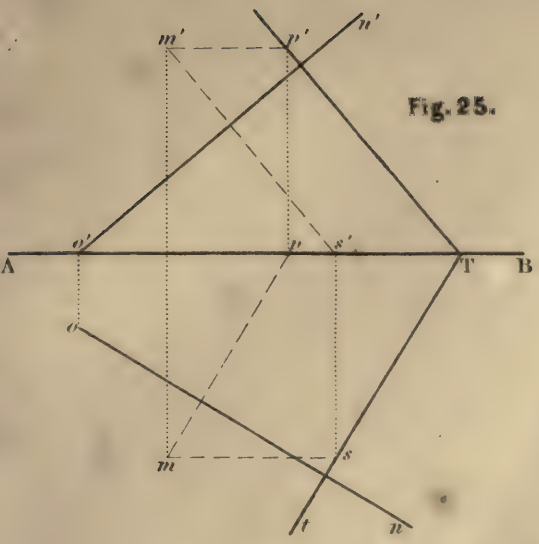


Fig. 25.

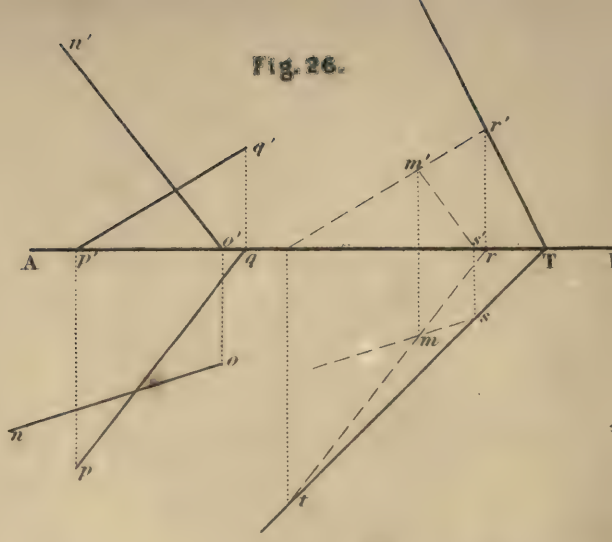


Fig. 26.

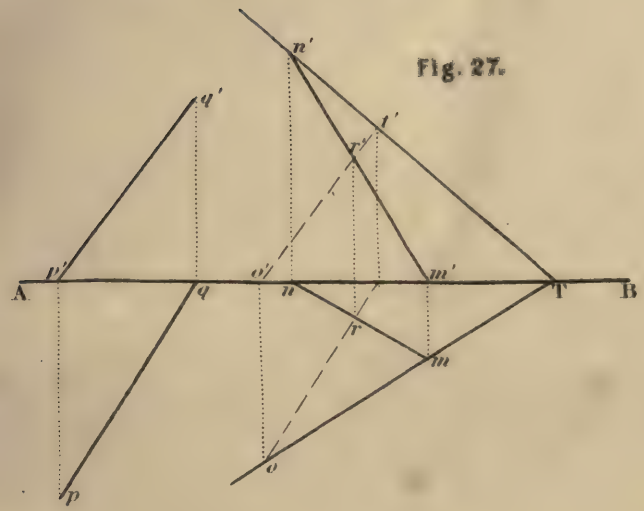


Fig. 27.

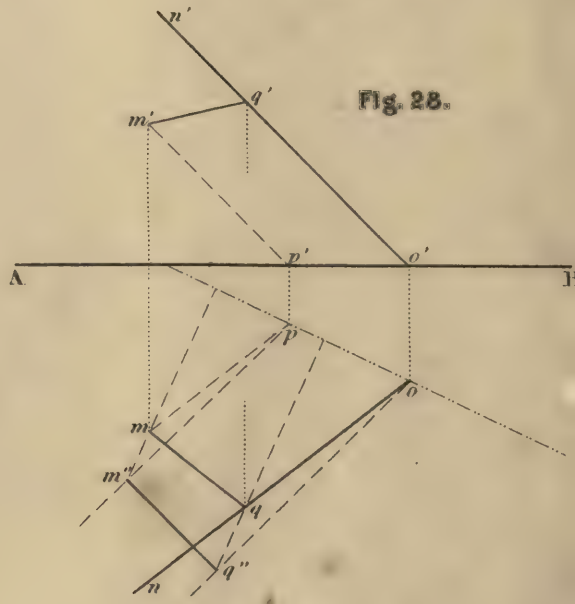


Fig. 28.

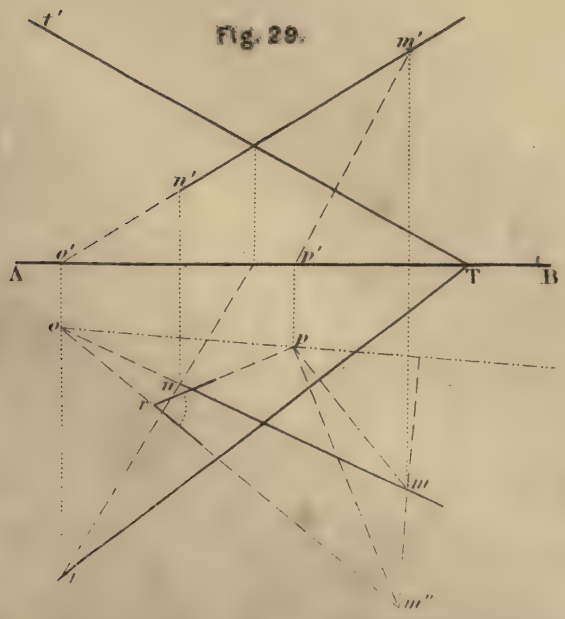


Fig. 29.

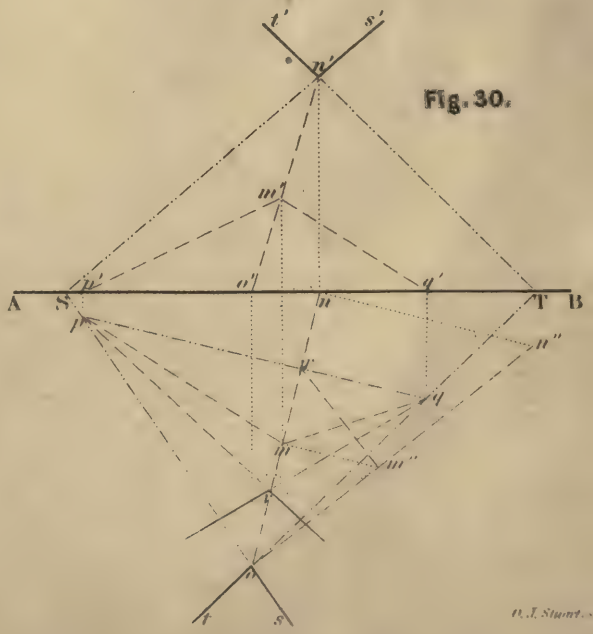


Fig. 30.

O. J. Stuntz

Fig. 31.

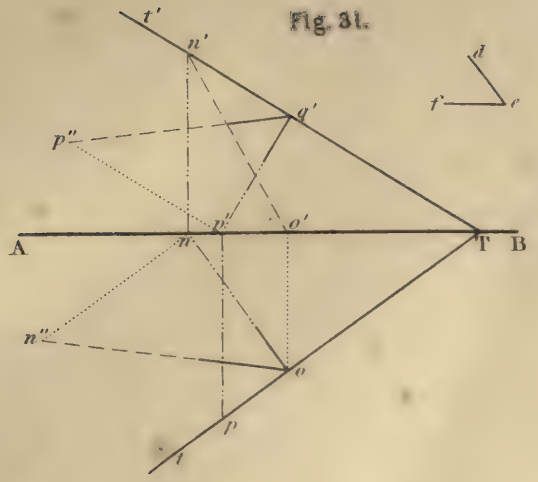


Fig. 32.

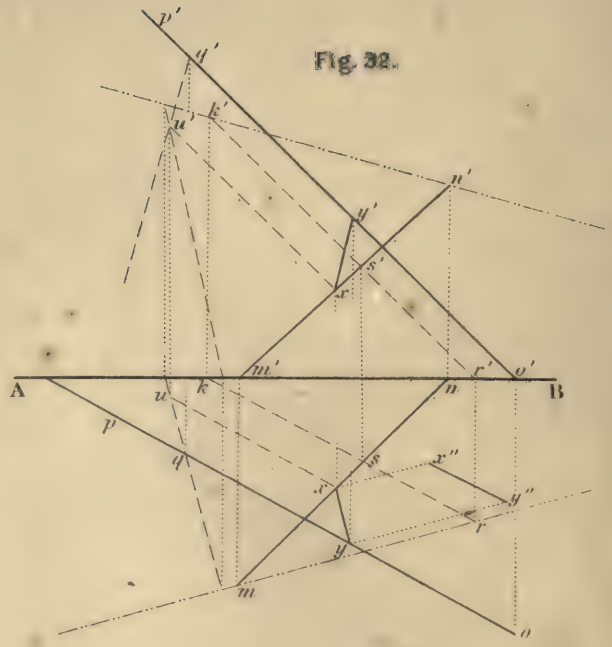


Fig. 33.

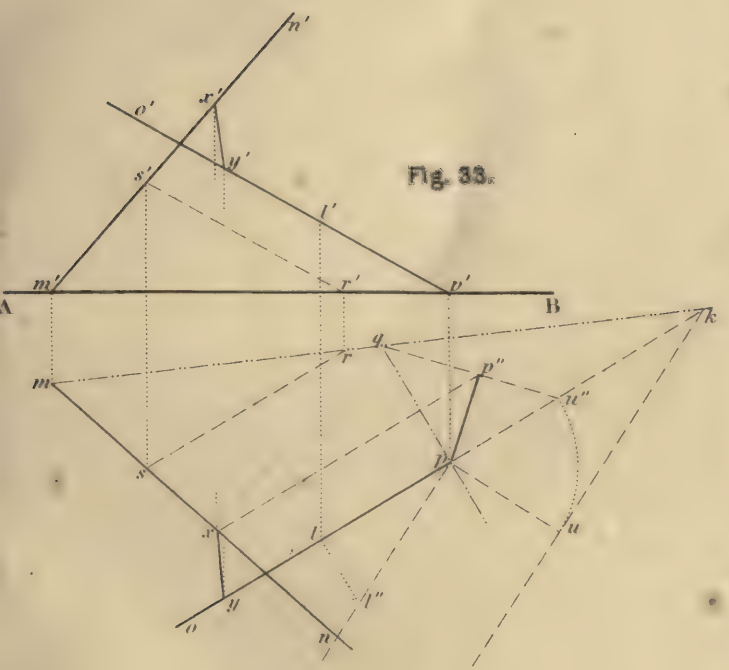


Fig. 34.

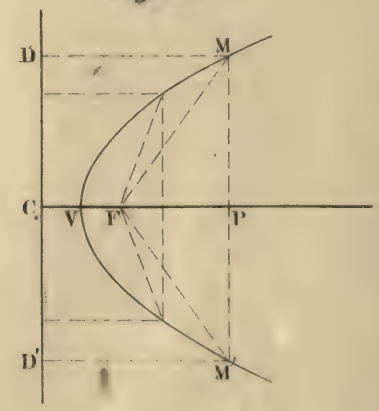


Fig. 36.

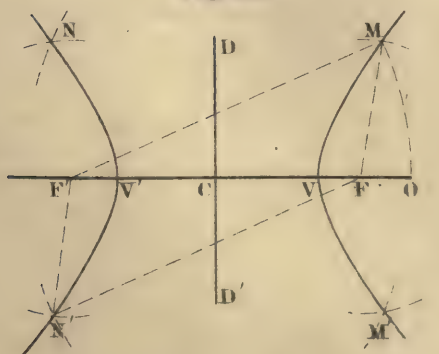


Fig. 35.

Fig. 37.

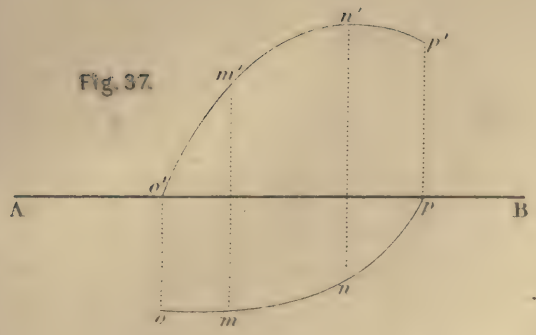


Fig. 38.

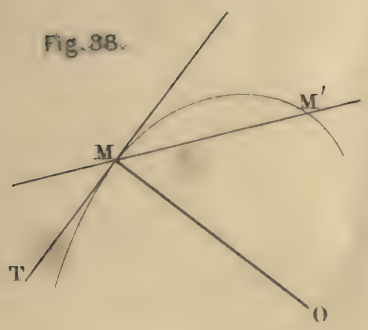


Fig. 39.

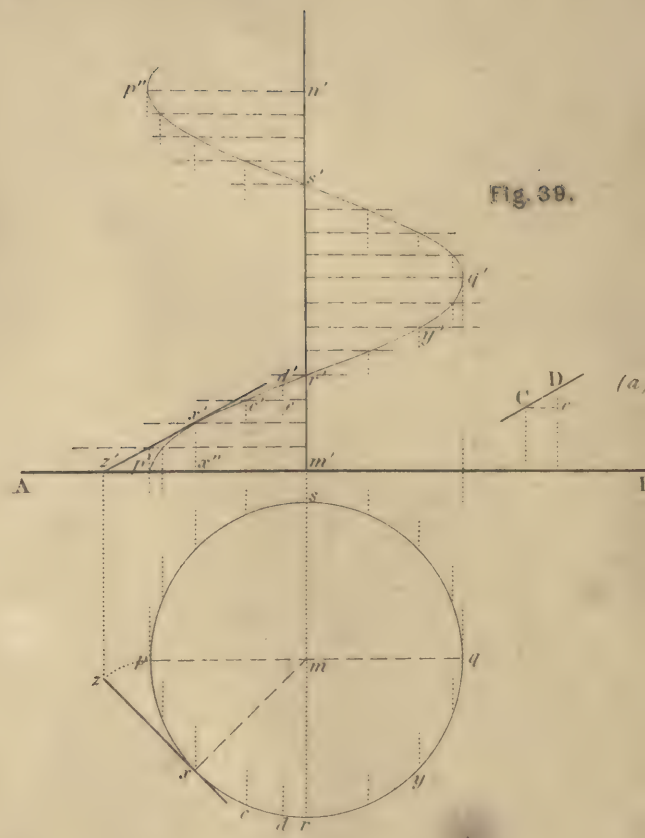


Fig. 40.

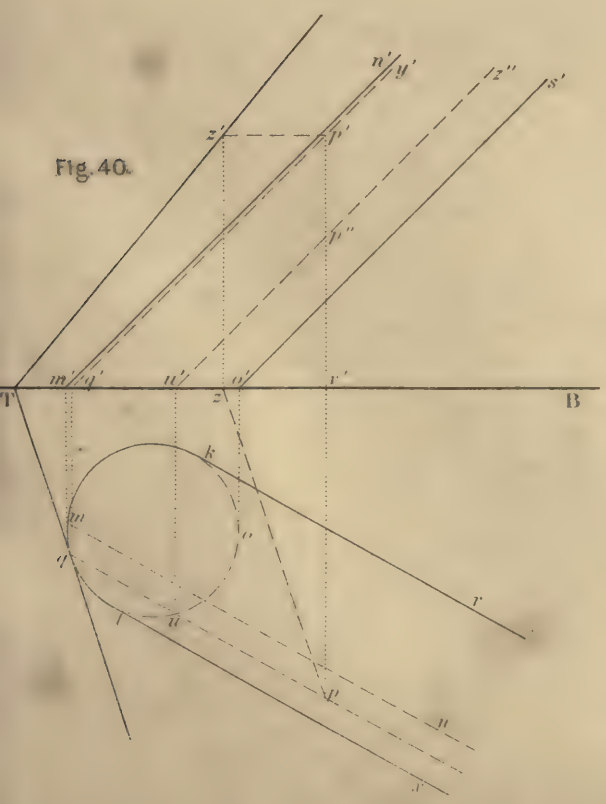


Fig. 41.

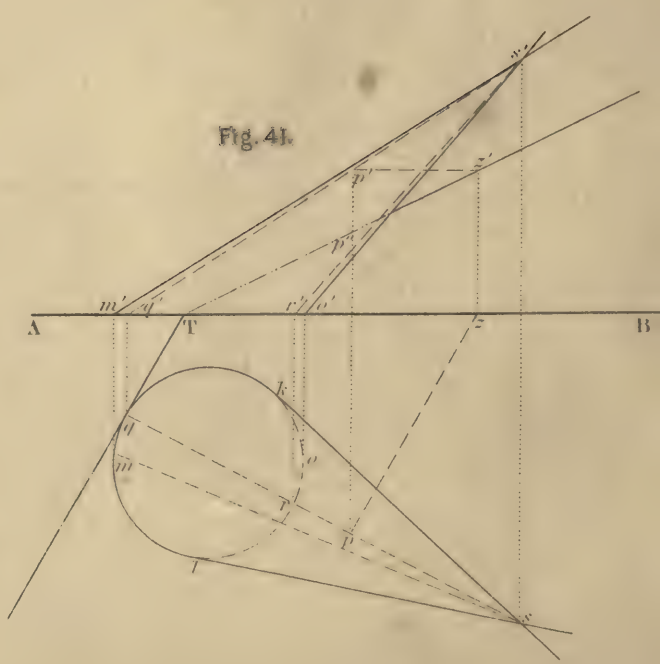


Fig. 42.

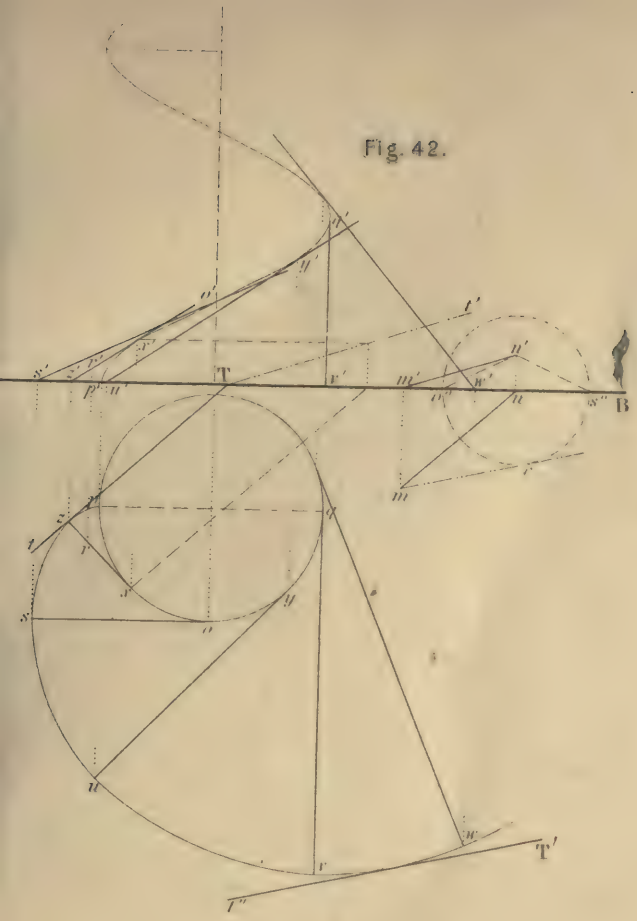


Fig. 43.

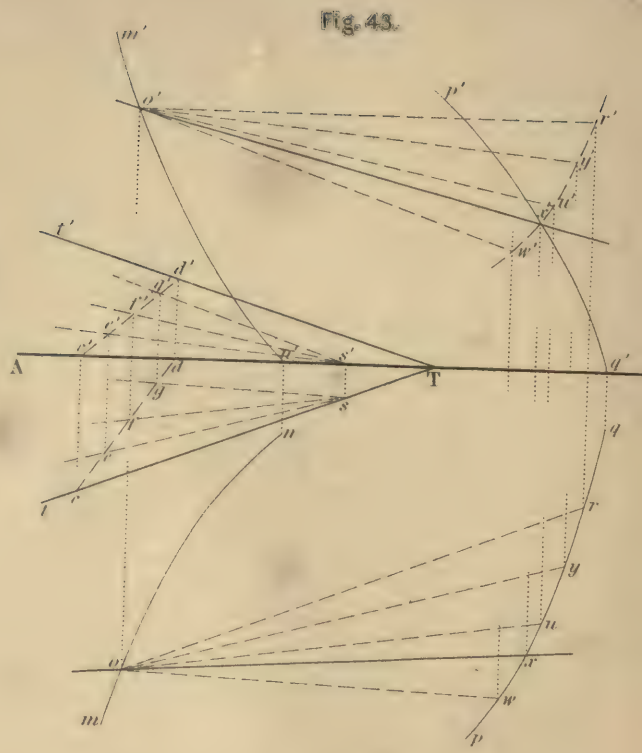


Fig. 44.

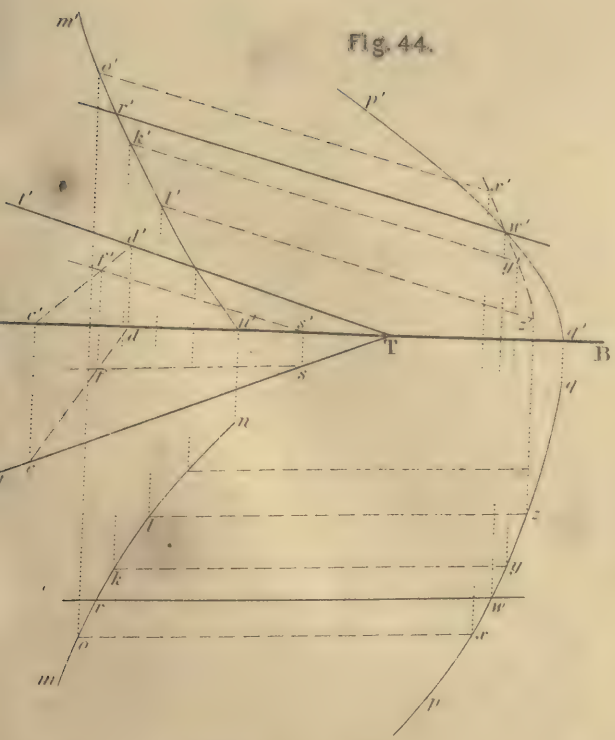
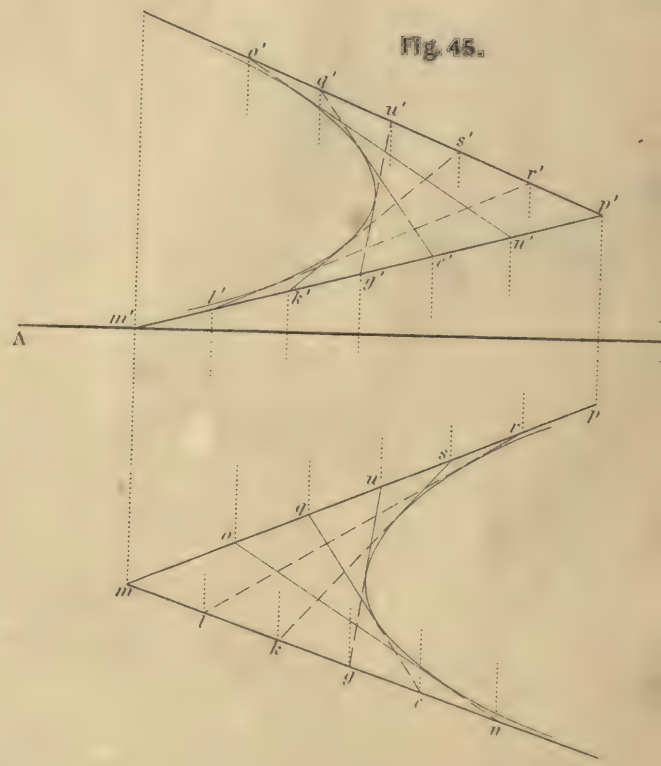


Fig. 45.



Oliver J. Stuart, sc. N.

Fig. 46.

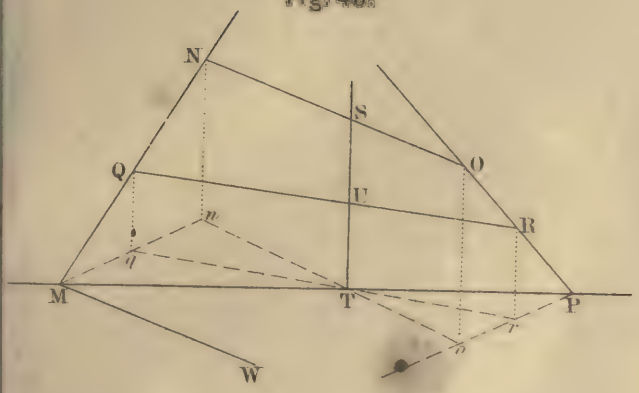


Fig. 47.

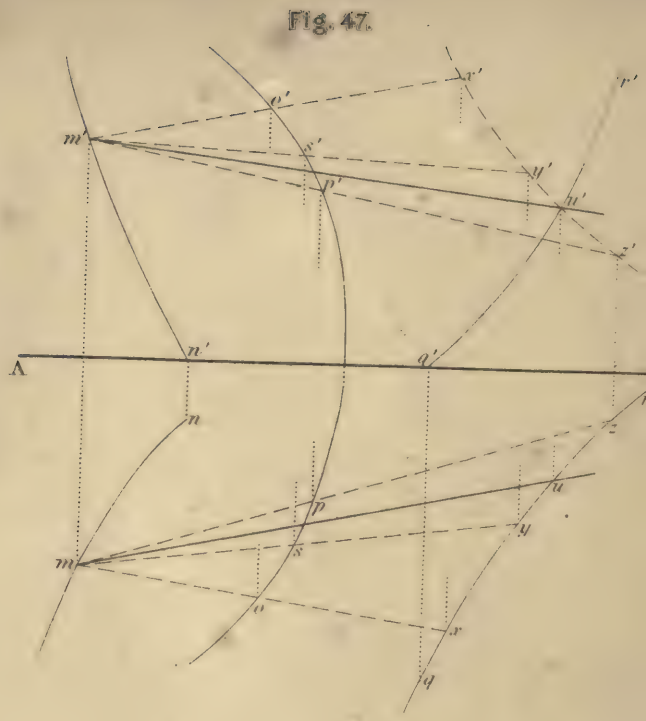


Fig. 48.

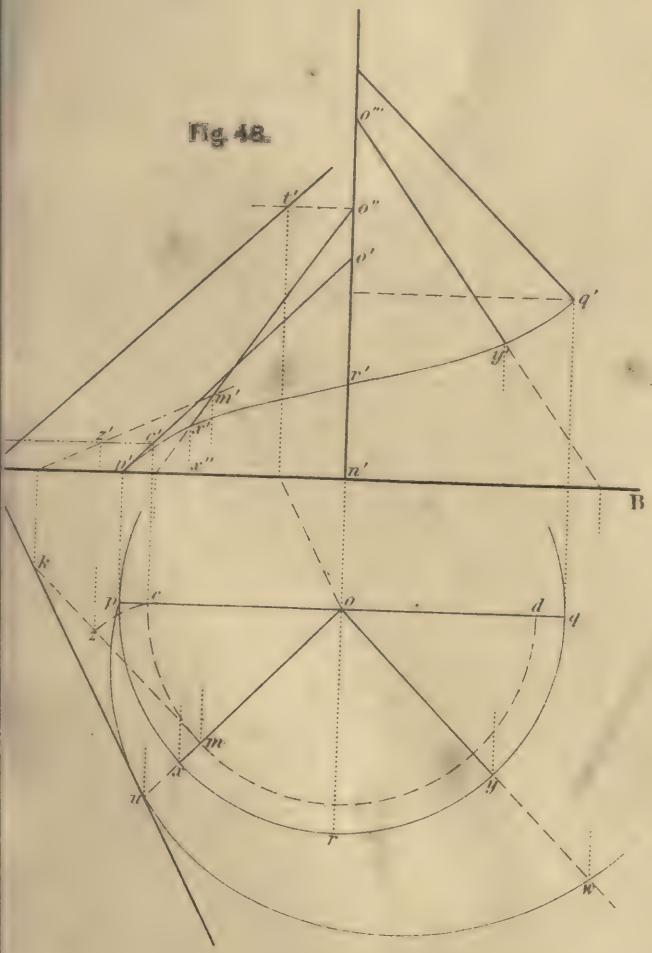
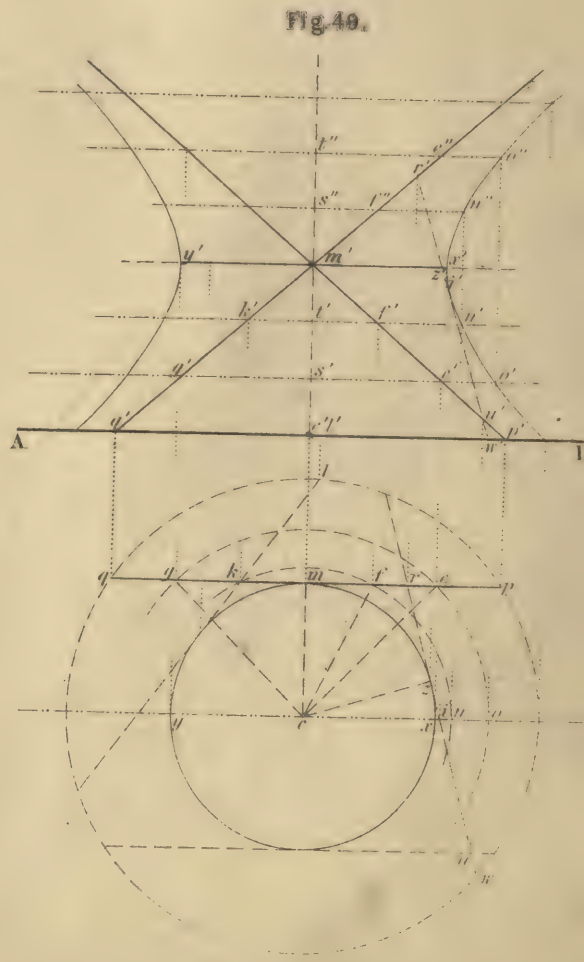


Fig. 49.



O. J. Stuart.

Fig. 51.

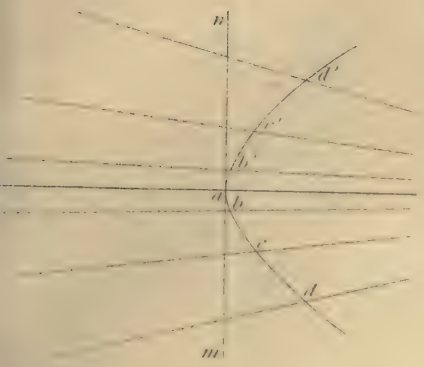


Fig. 52.

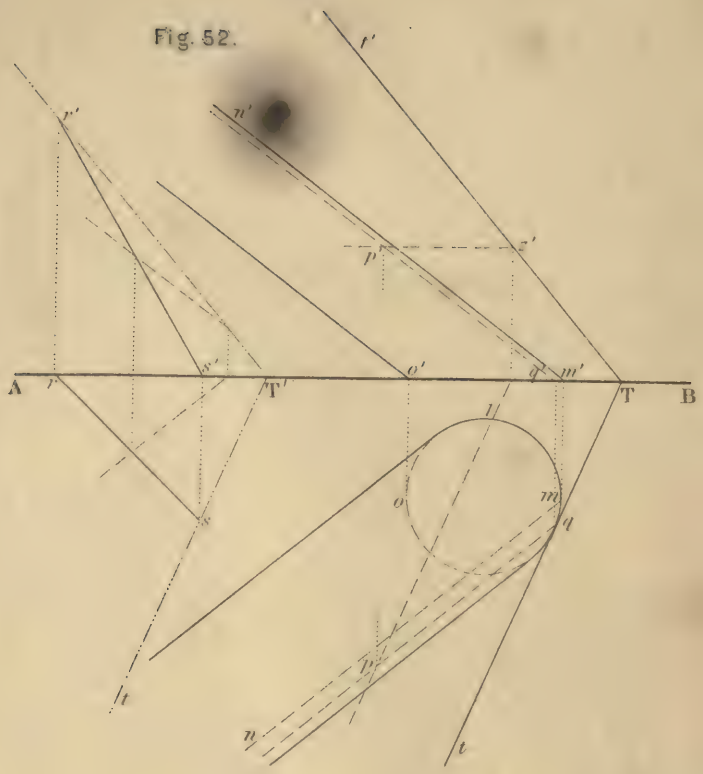


Fig. 50.

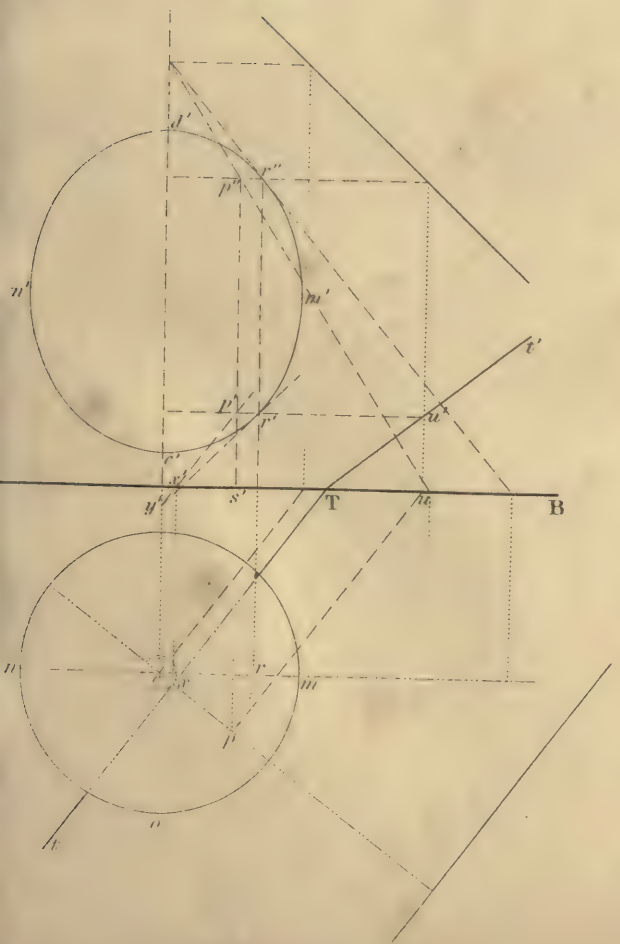


Fig. 53.

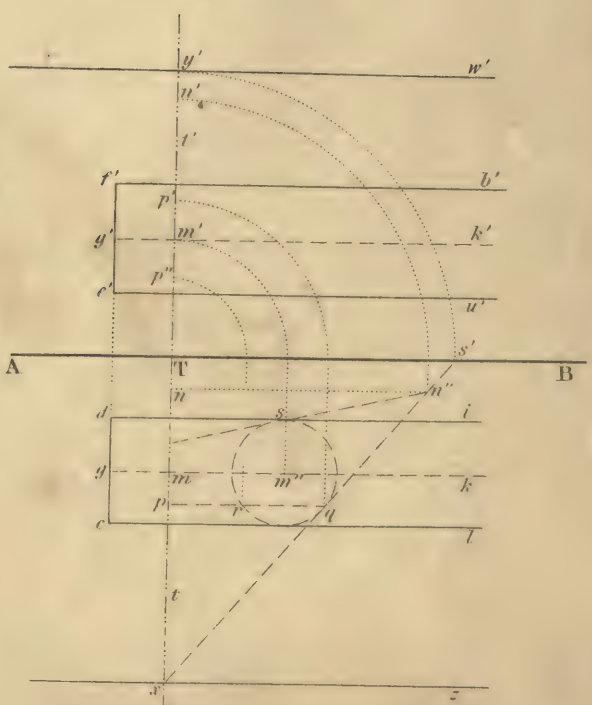


Fig. 54.

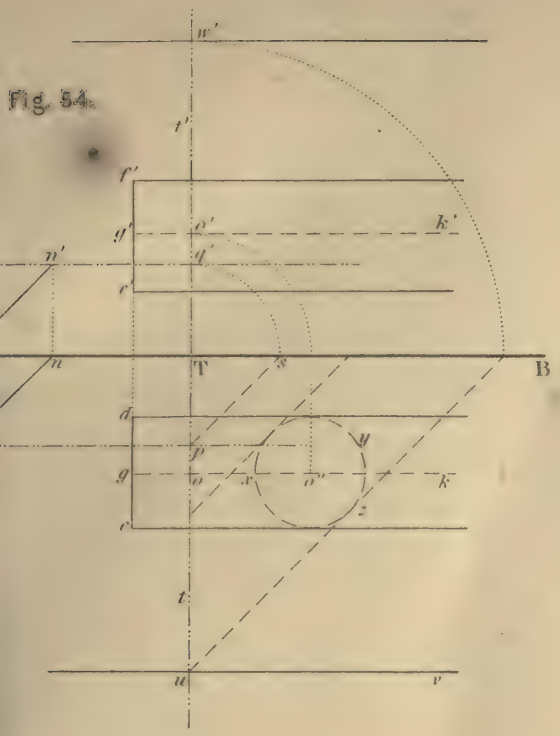


Fig. 55.

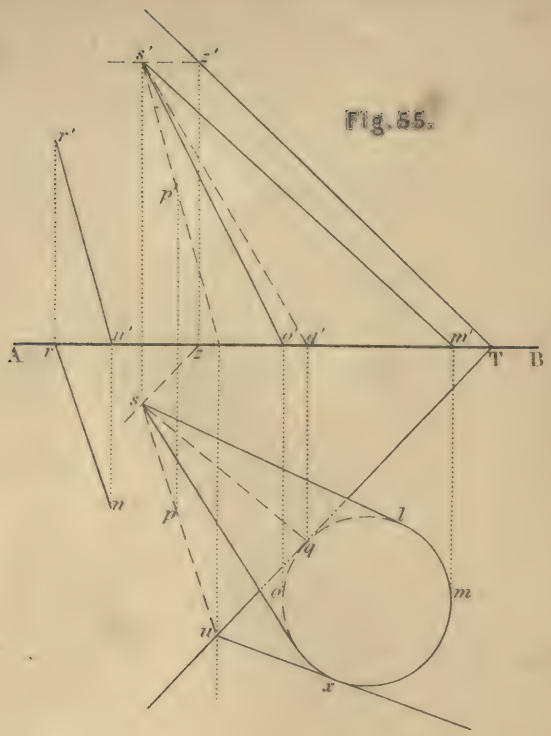


Fig. 56.

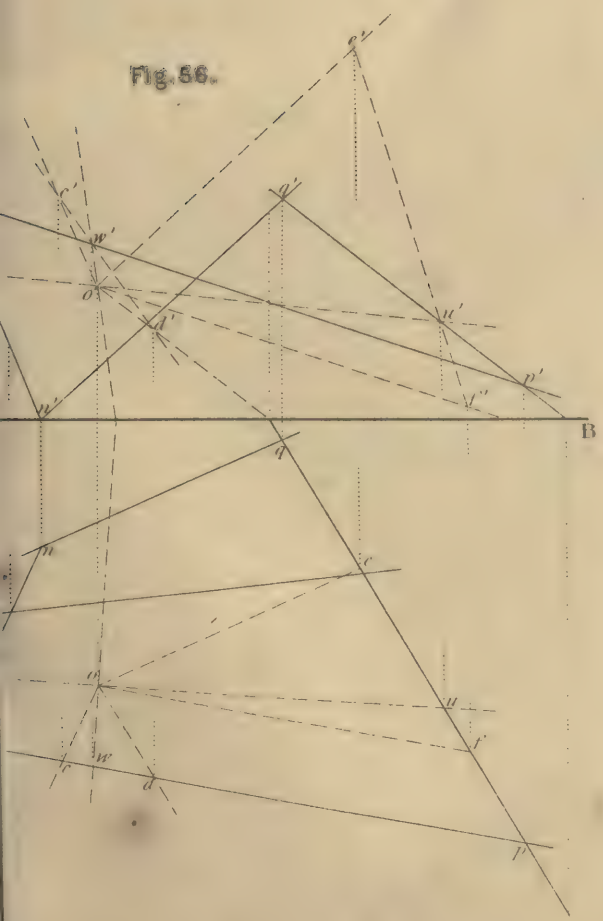
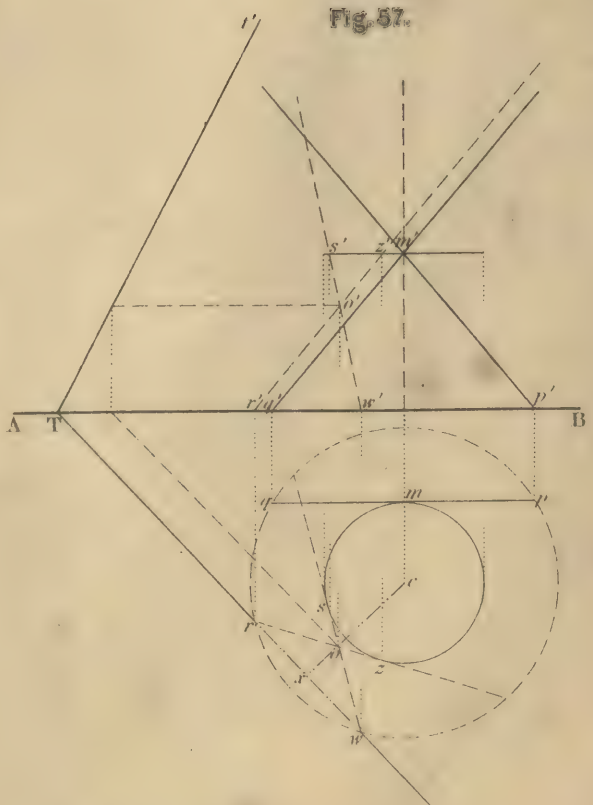


Fig. 57.



C. J. Stuart, sc. N. Y.

Fig. 58.

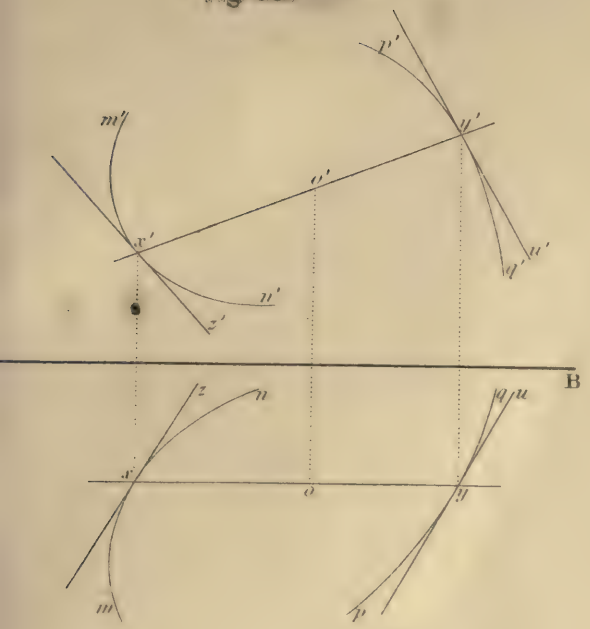


Fig. 59.

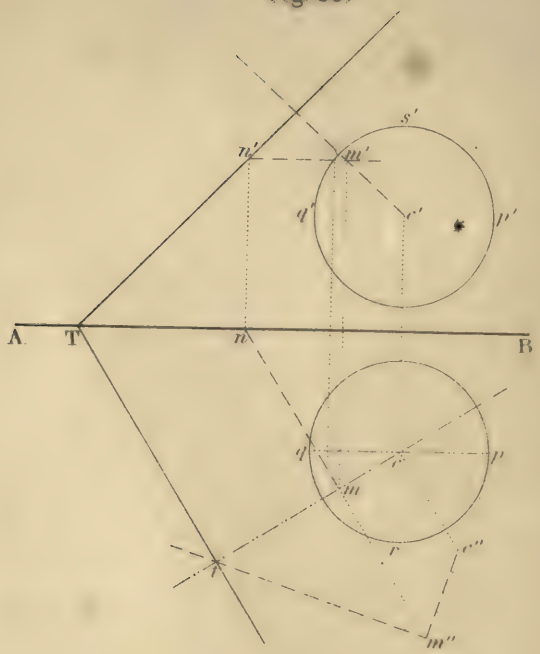


Fig. 60.

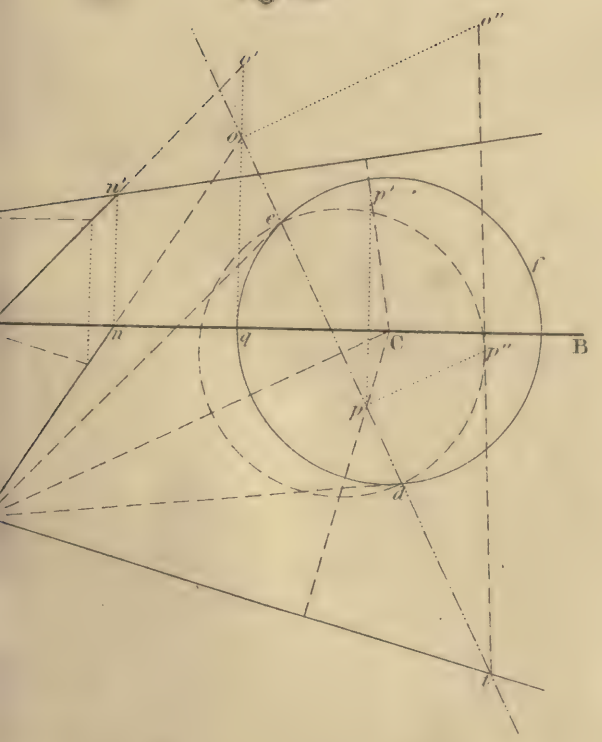
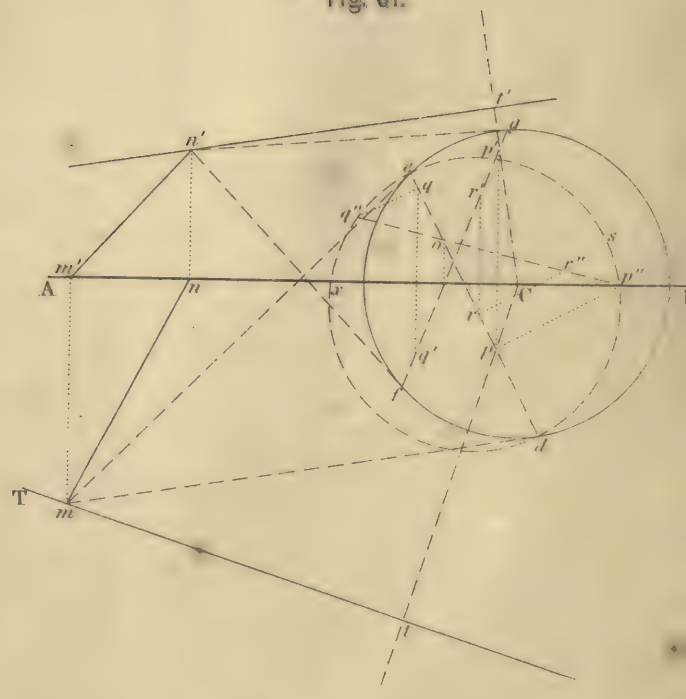


Fig. 61.



Oliver & Stuart, sc. N

Fig. 62.

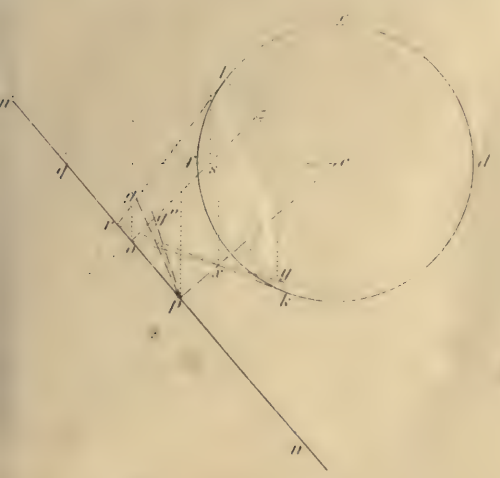


Fig. 63

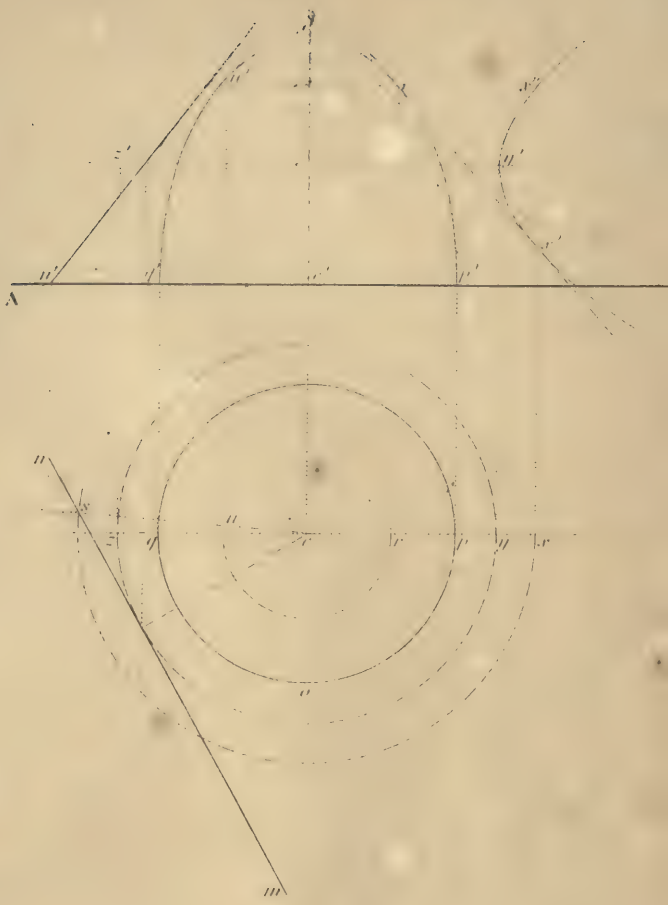


Fig. 64.

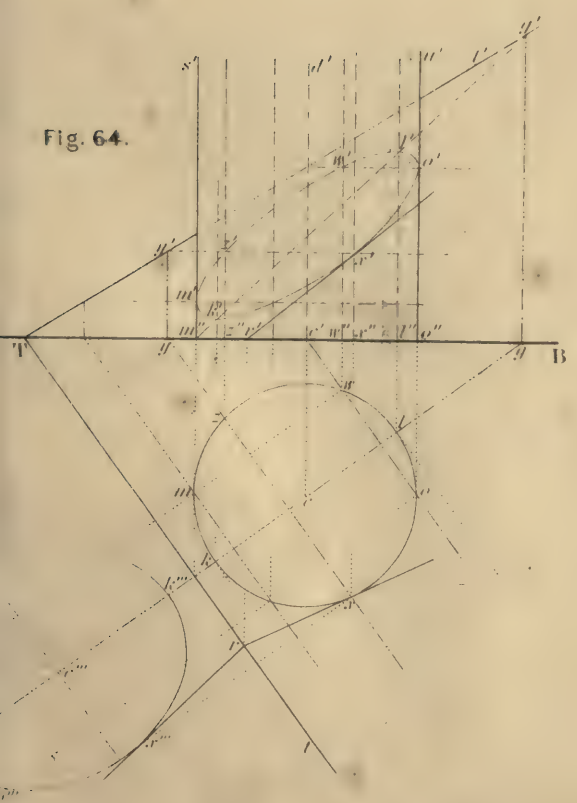


Fig. 65.

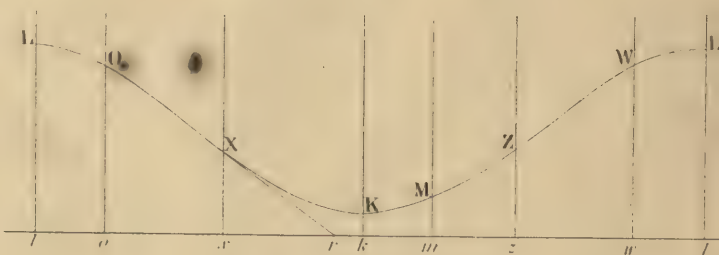


Fig. 67.

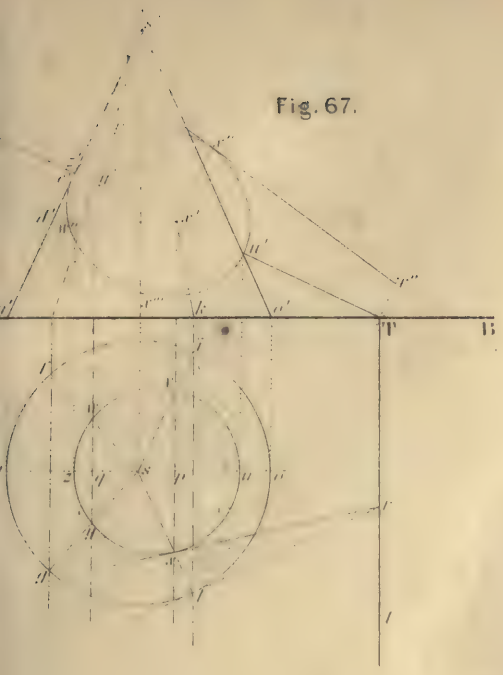


Fig. 68.

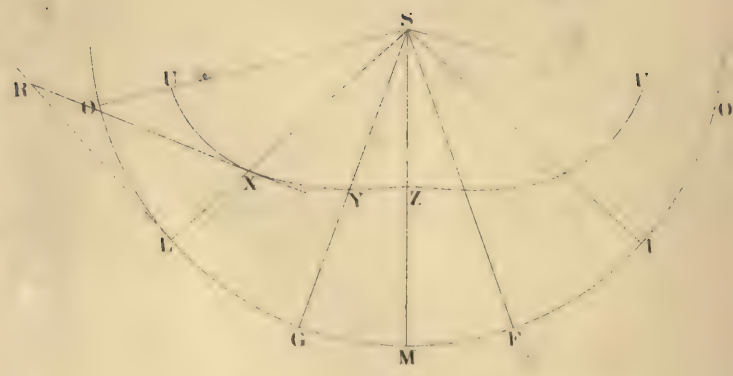


Fig. 66.

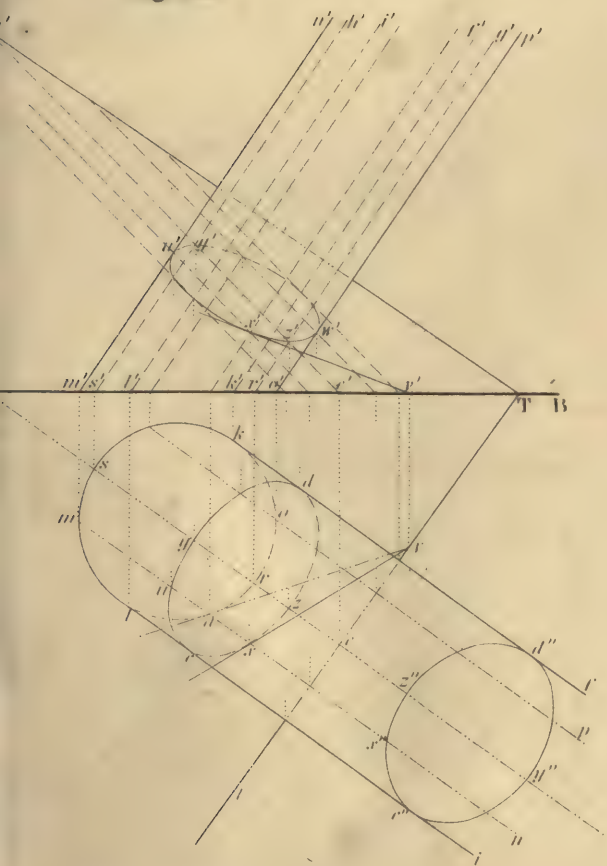
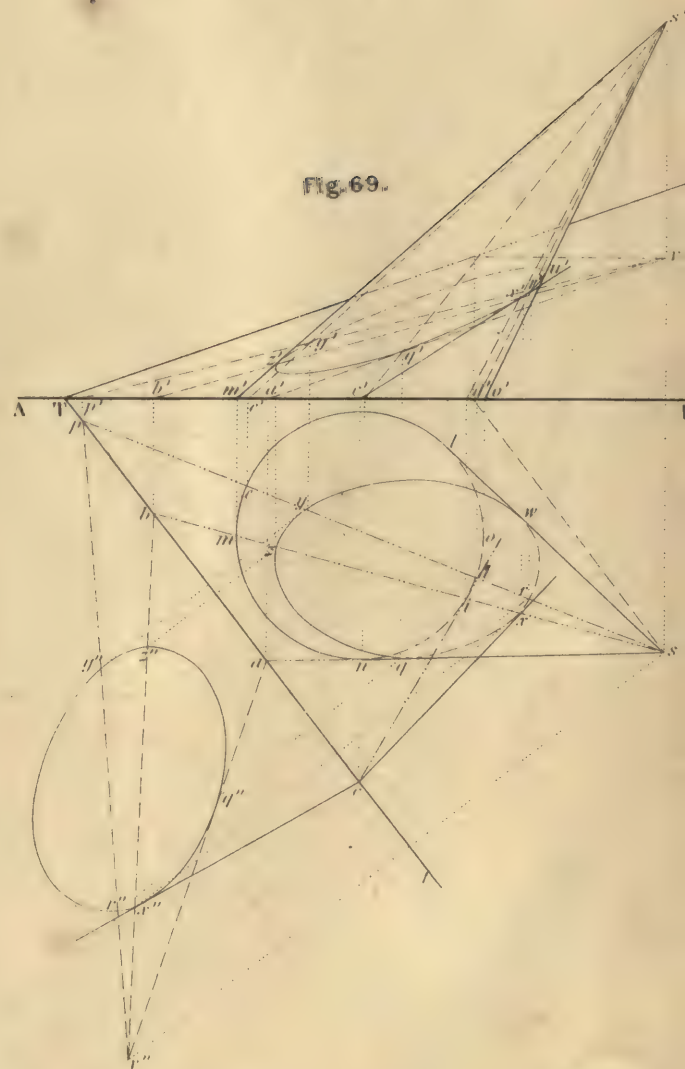


Fig. 69.



Oliver J. Stuart, sc. N.Y.

Fig. 70.

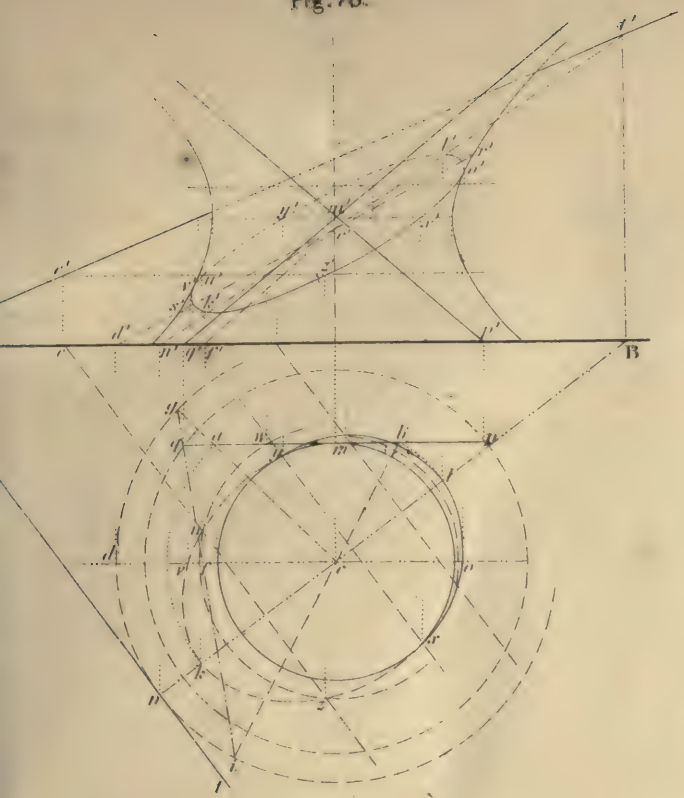


Fig. 72.

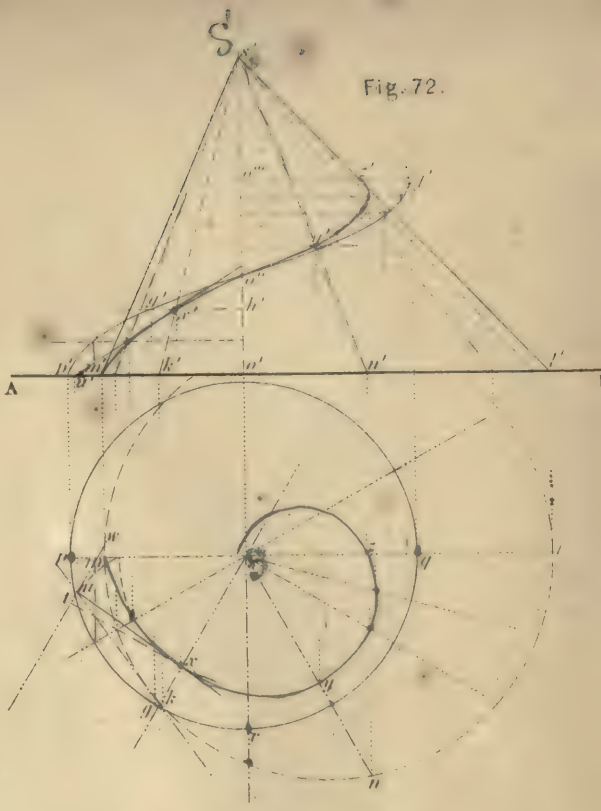


Fig. 71.

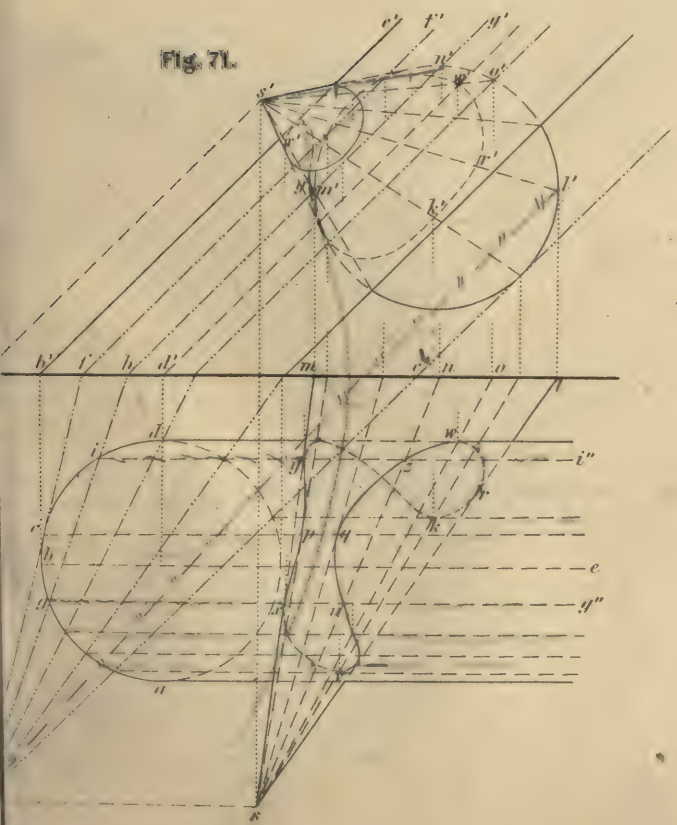
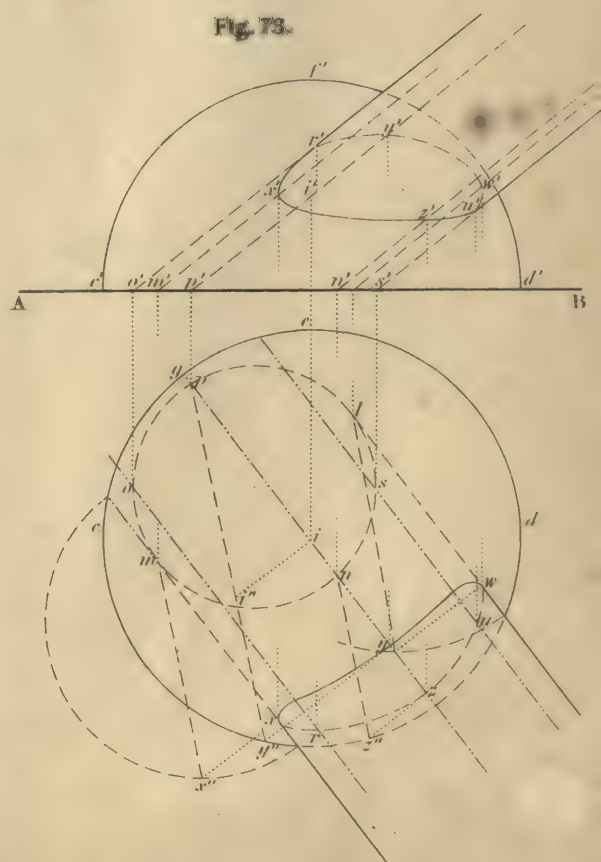


Fig. 73.



Oliver J. Stuart, sc. N.Y.

Fig. 74.

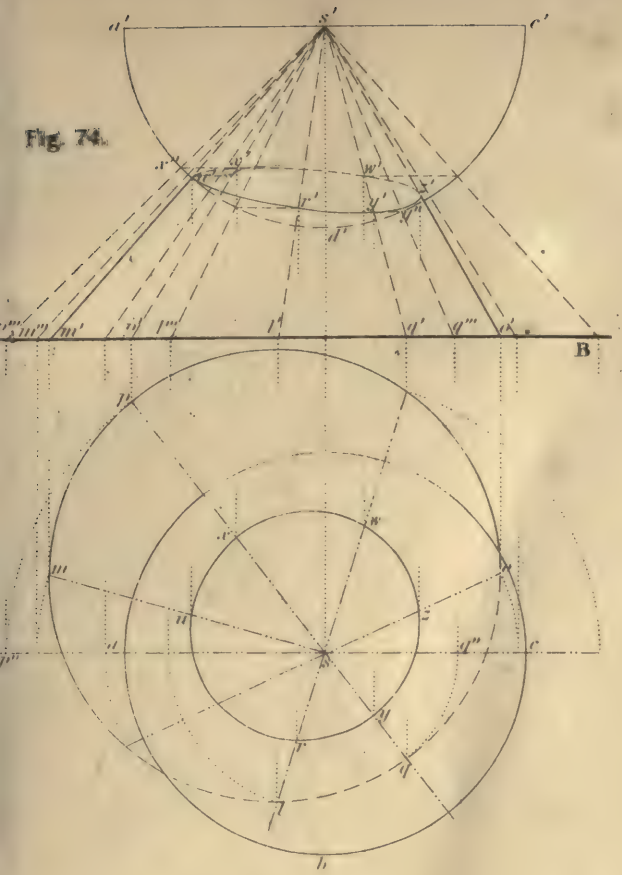


Fig. a.

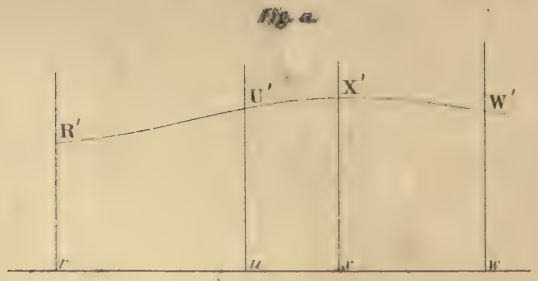


Fig. 75.

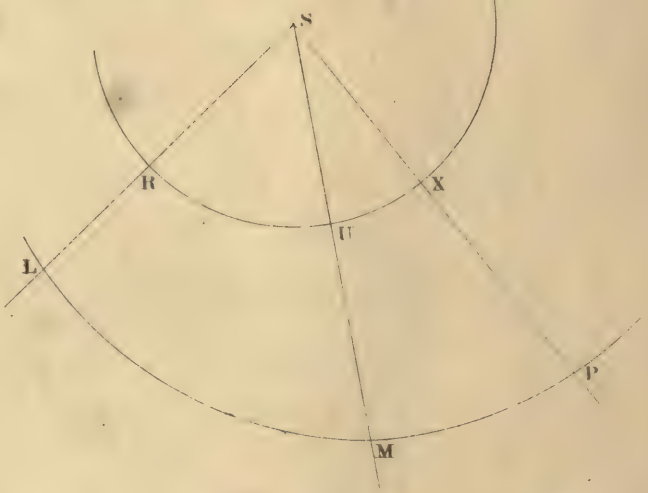
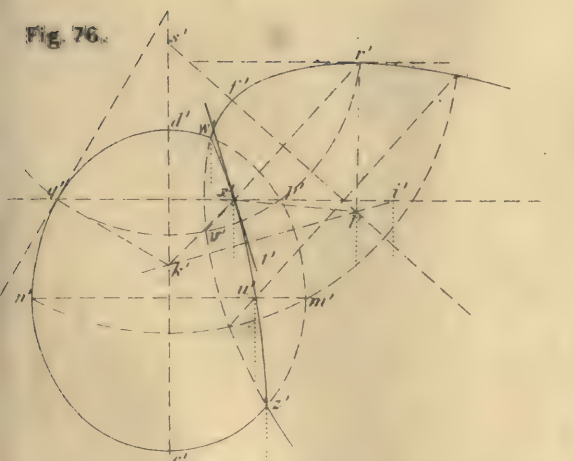


Fig. 76.



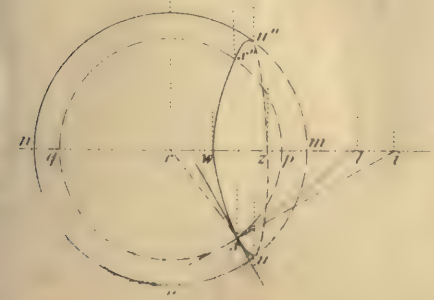


Fig. 77.

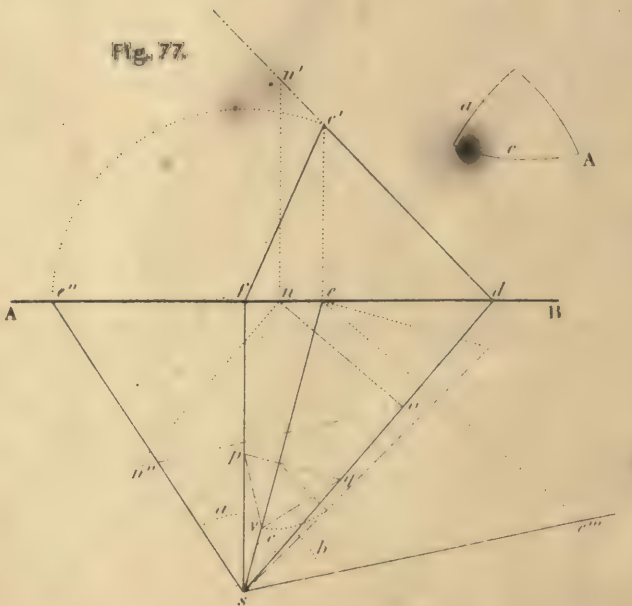


Fig. 78.

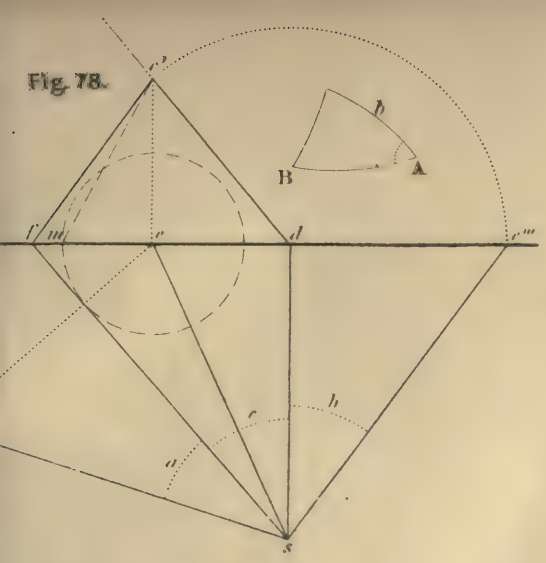


Fig. 79.

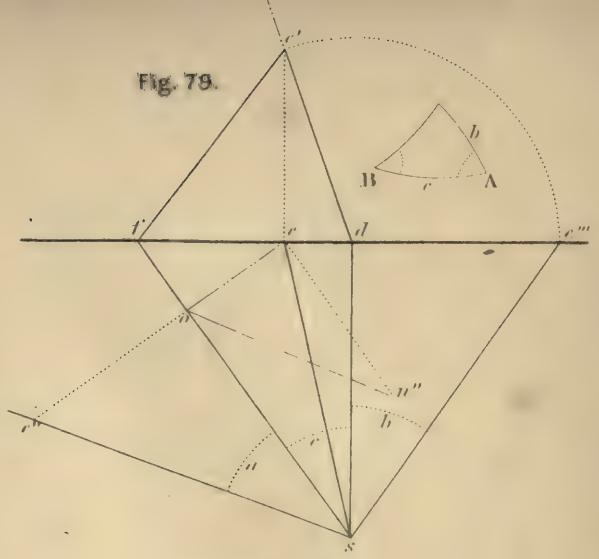


Fig. 80.

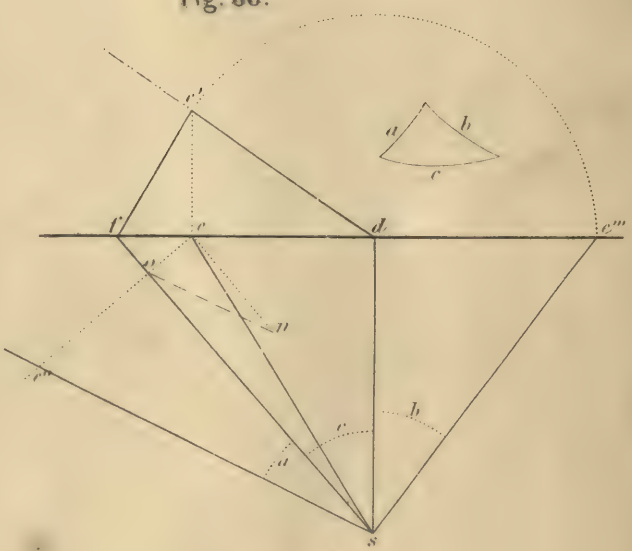


Fig. 81.

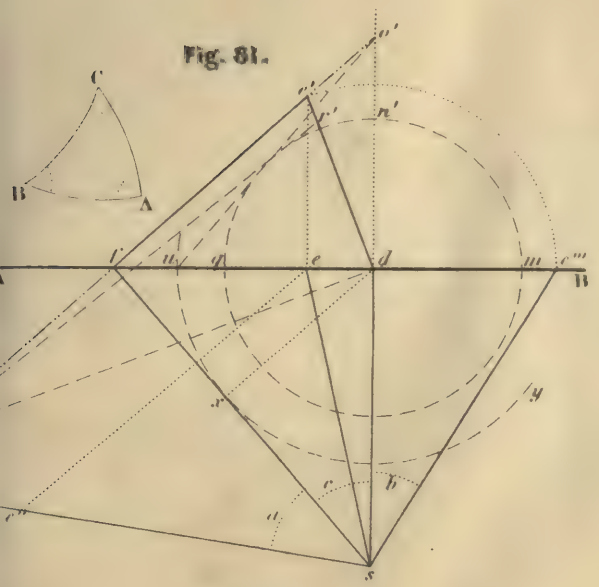


Fig. 82.

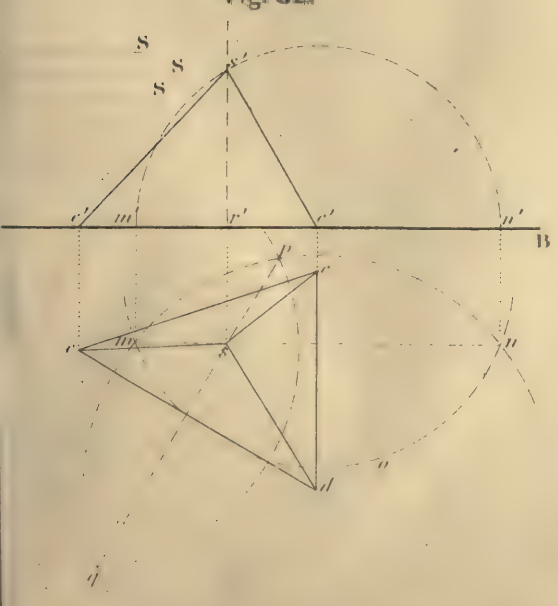
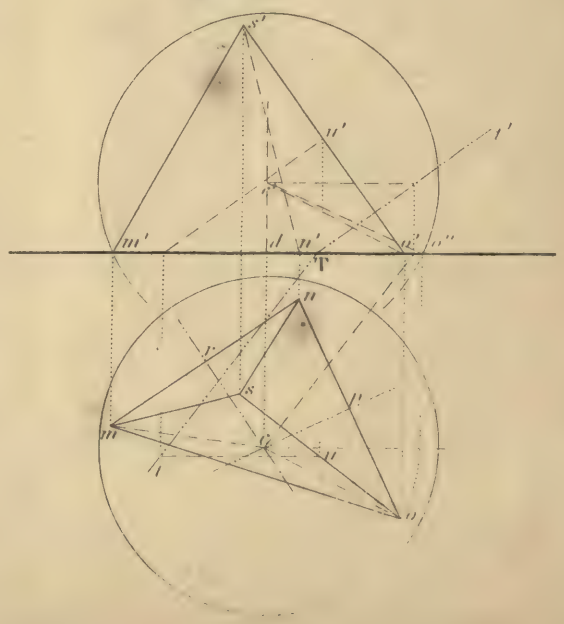
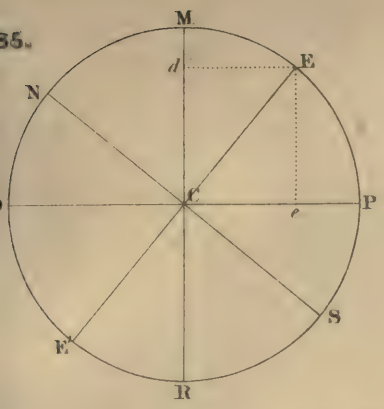


Fig. 83.



W. J. Stuart, sc. N.Y.



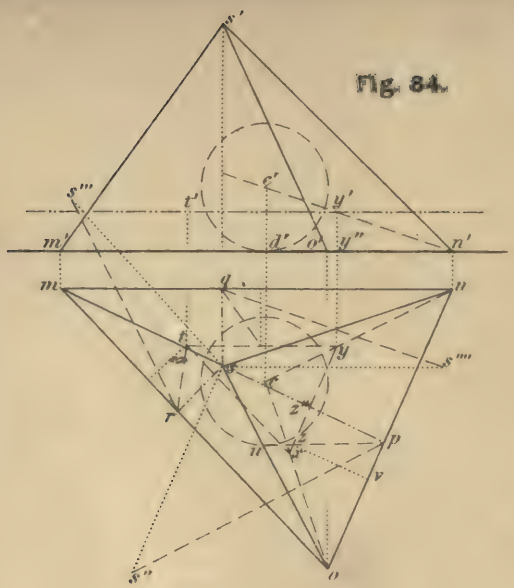


Fig. 84.

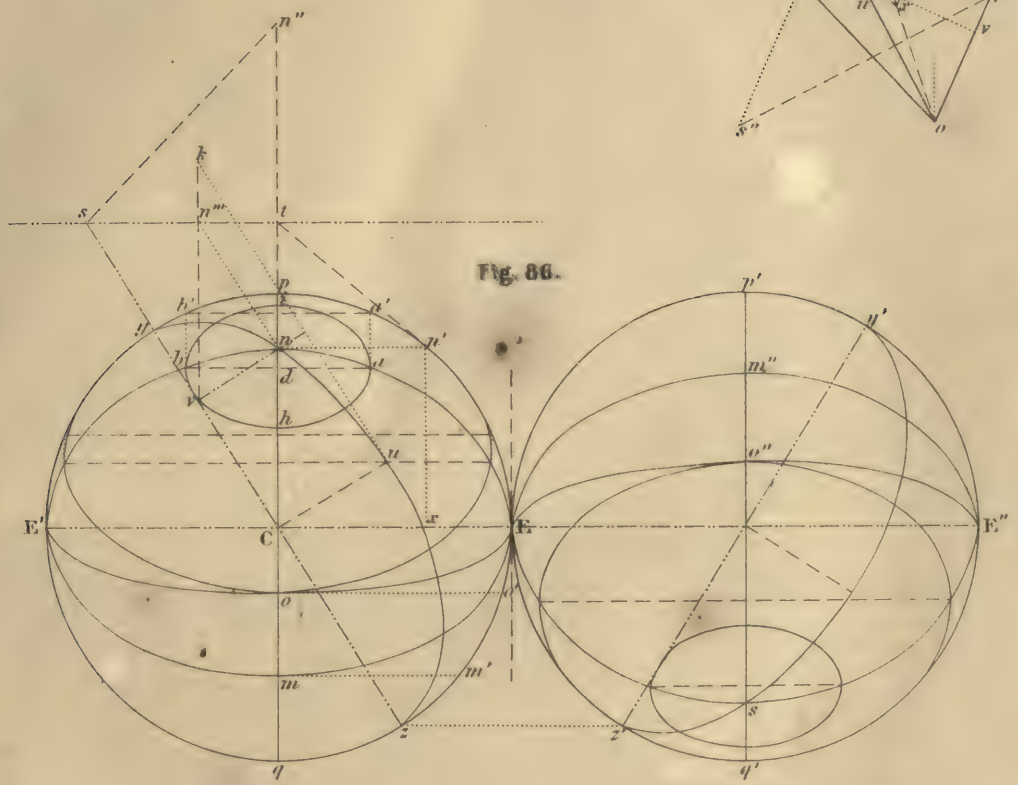
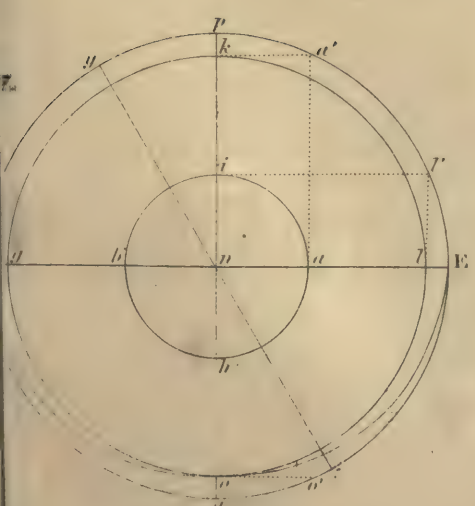


Fig. 86.



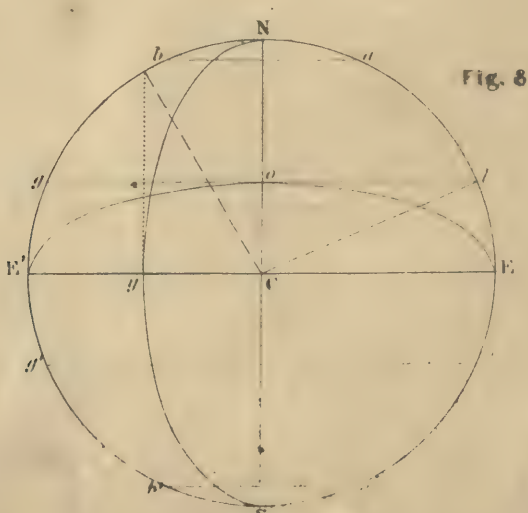
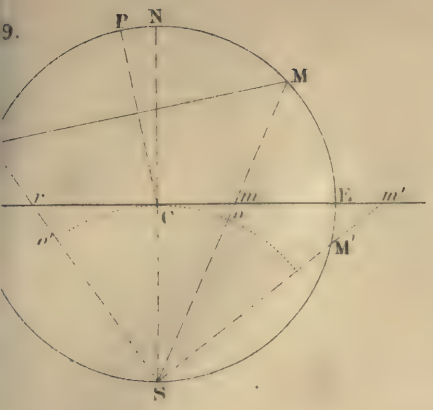


Fig. 88.

9.



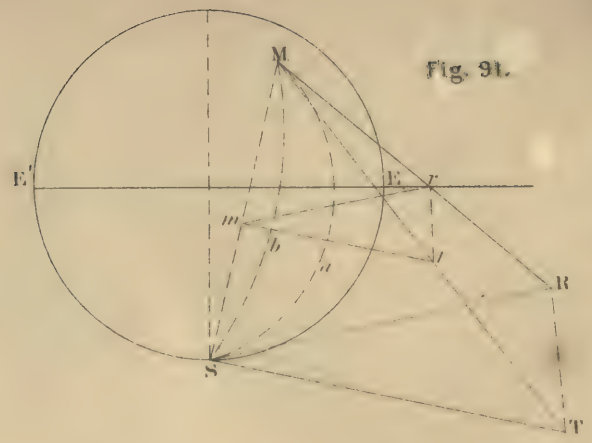


Fig. 91.

Fig. 90.

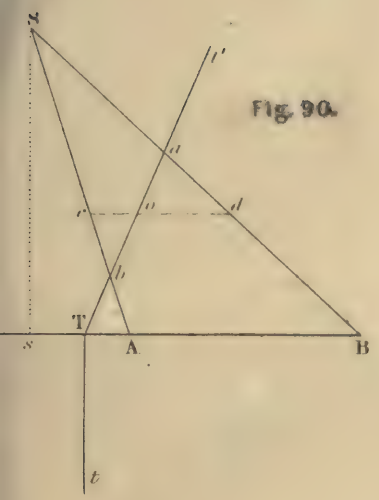


Fig. 92.

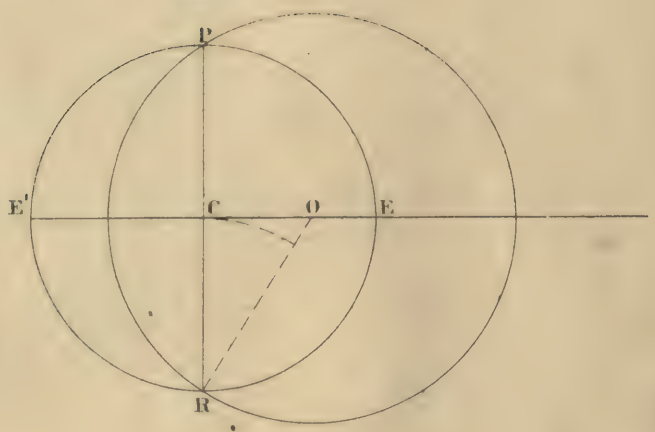


Fig. 93.

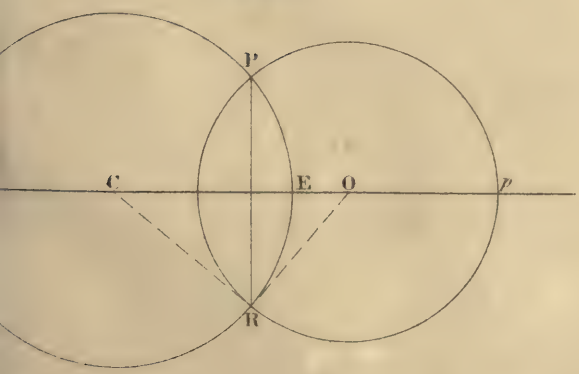
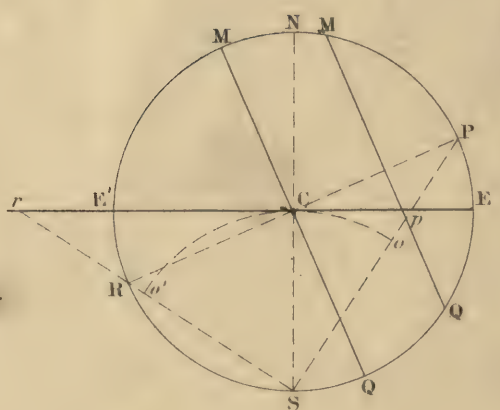


Fig. 94.



Oliver & Stuart, sc. Edr.

Fig. 95.

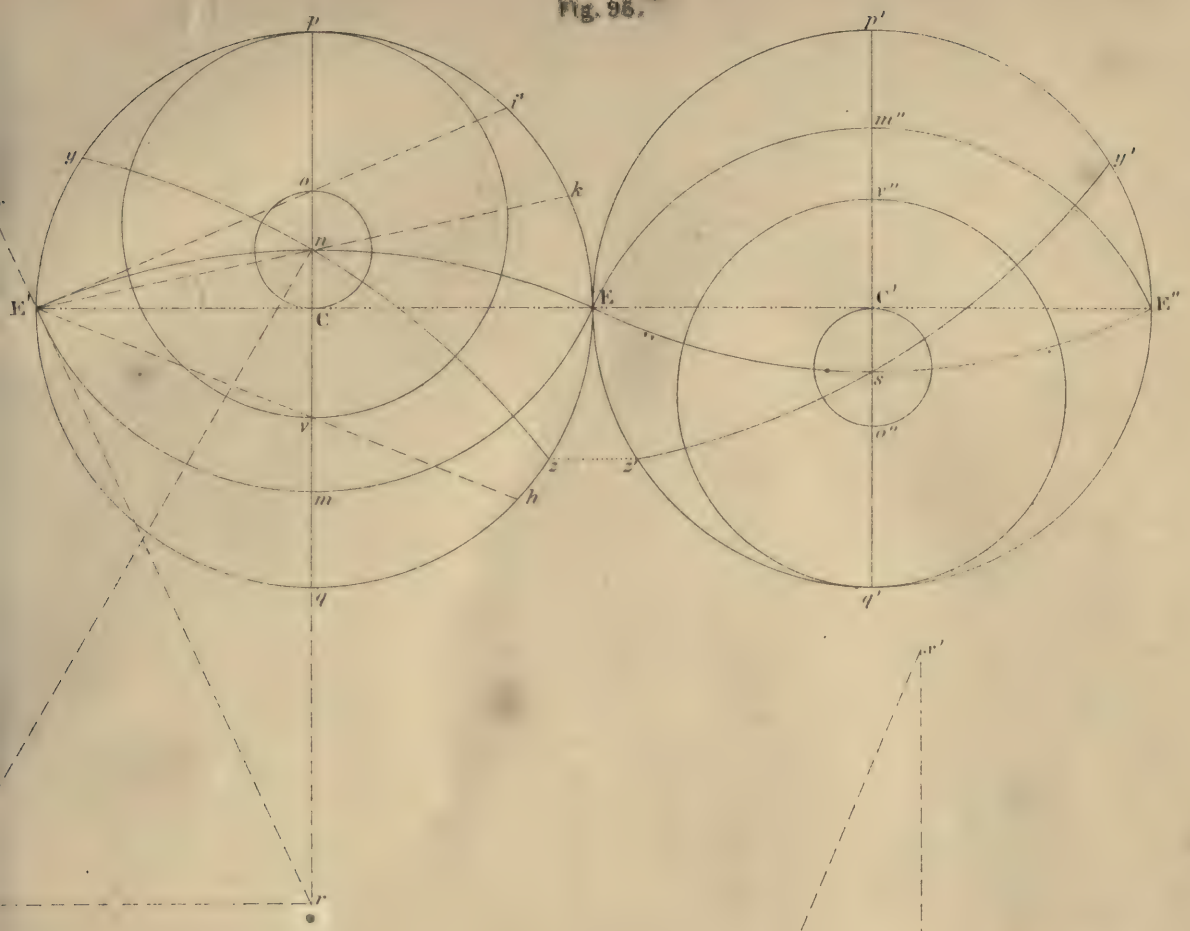


Fig. 96.

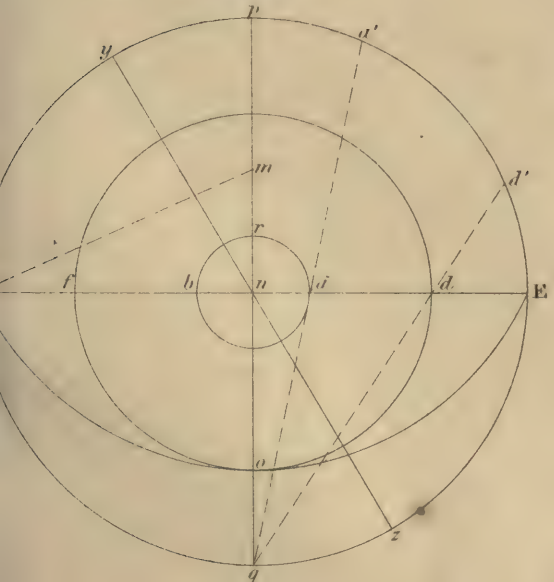
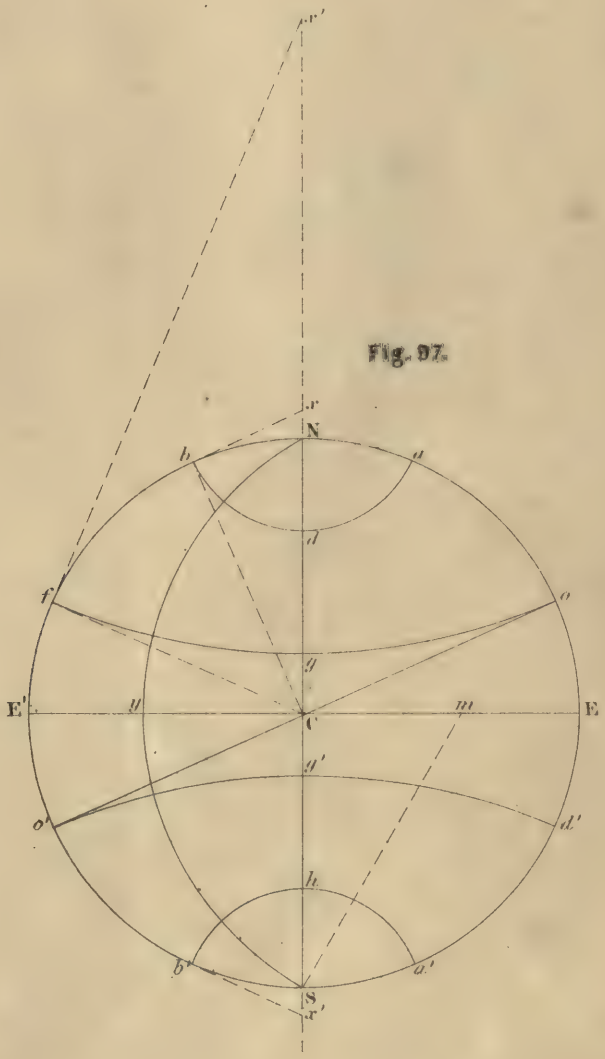


Fig. 97.



O. J. Stuart, sc. N.Y.

Fig. 98.

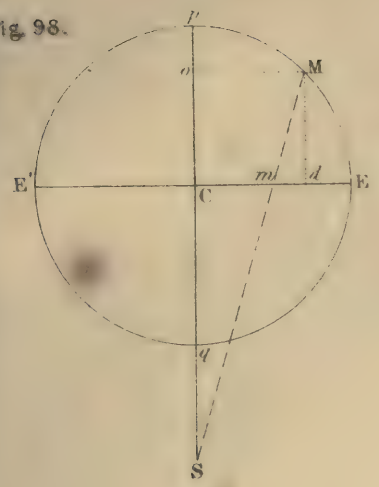


Fig. 101.

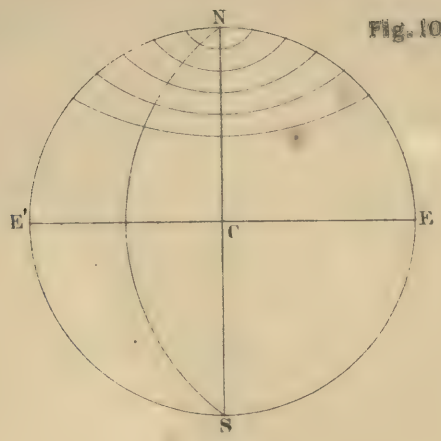


Fig. 99.

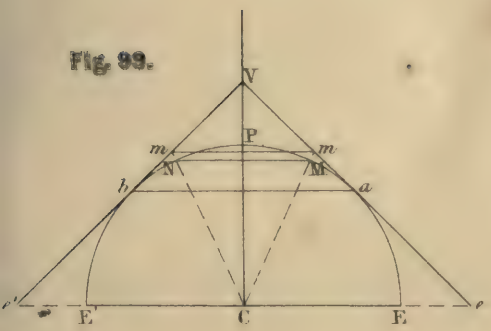


Fig. 100.

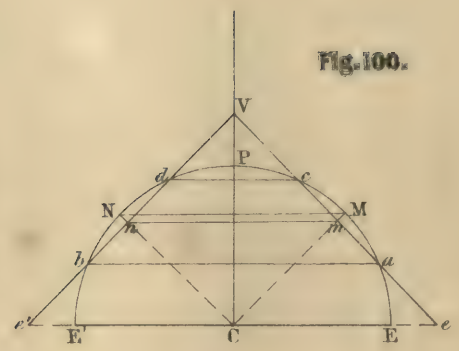


Fig. 102.

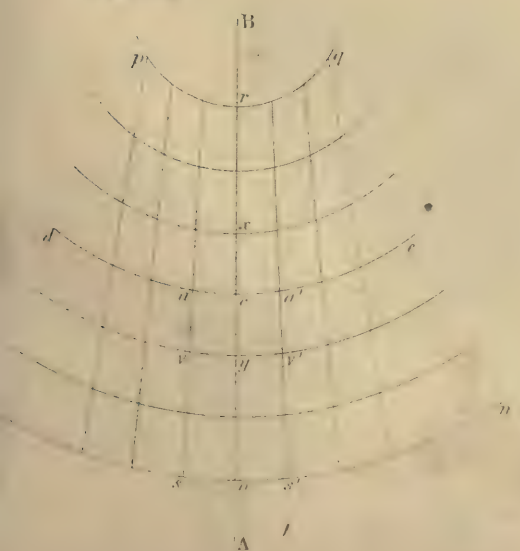


Fig. 103.

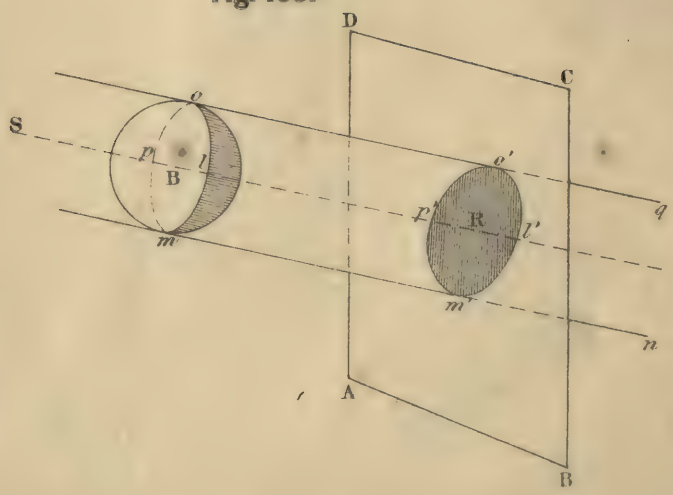
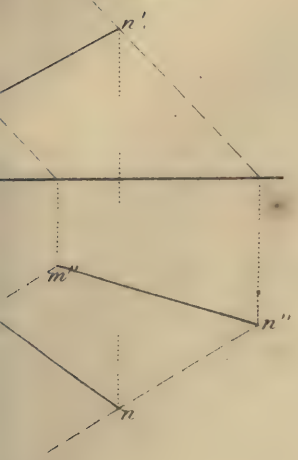


Fig. 104.

Fig. a.



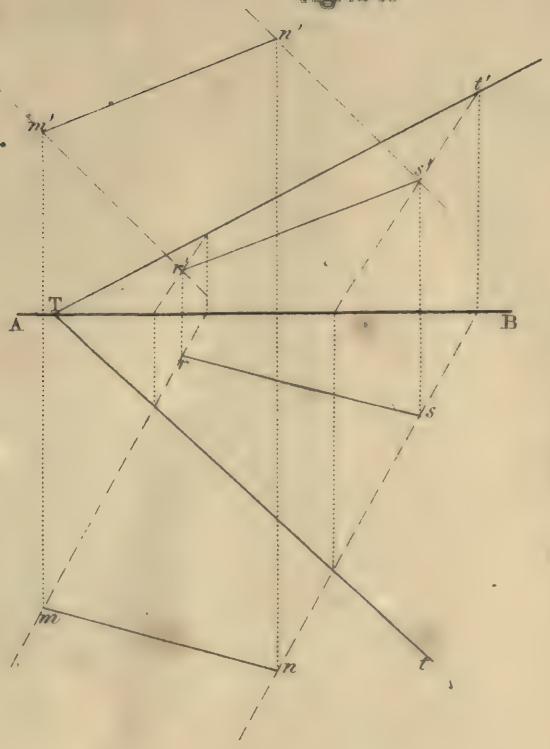


Fig. b.

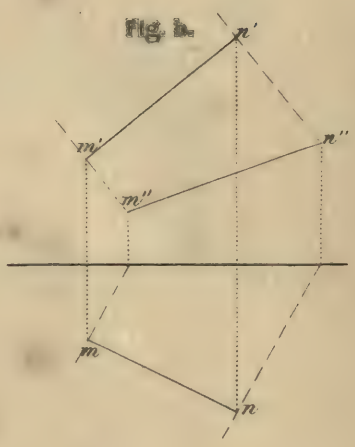


Fig. 105.

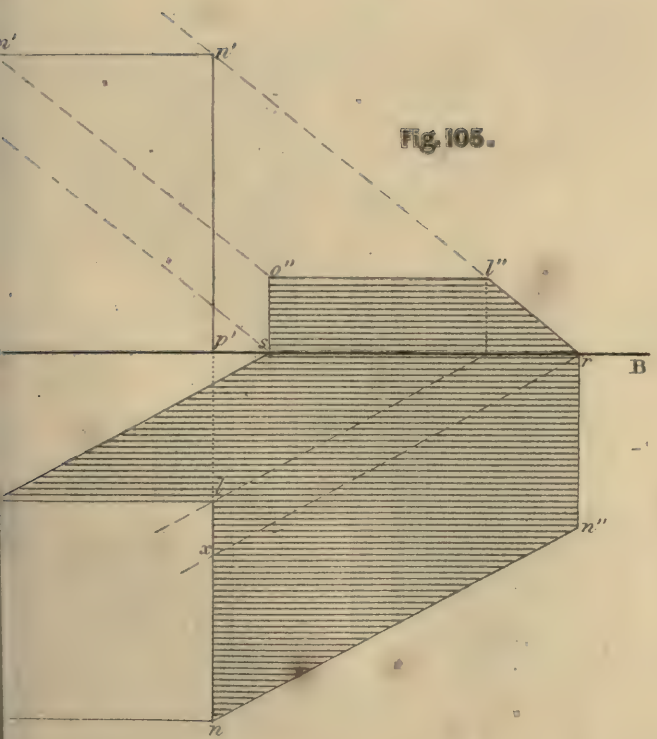
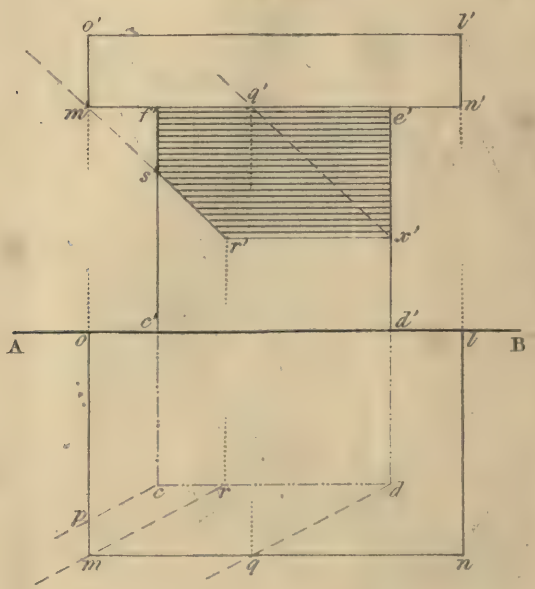


Fig. 108.



Oliver J. Stuart, sc. N.Y.

Fig. 107.

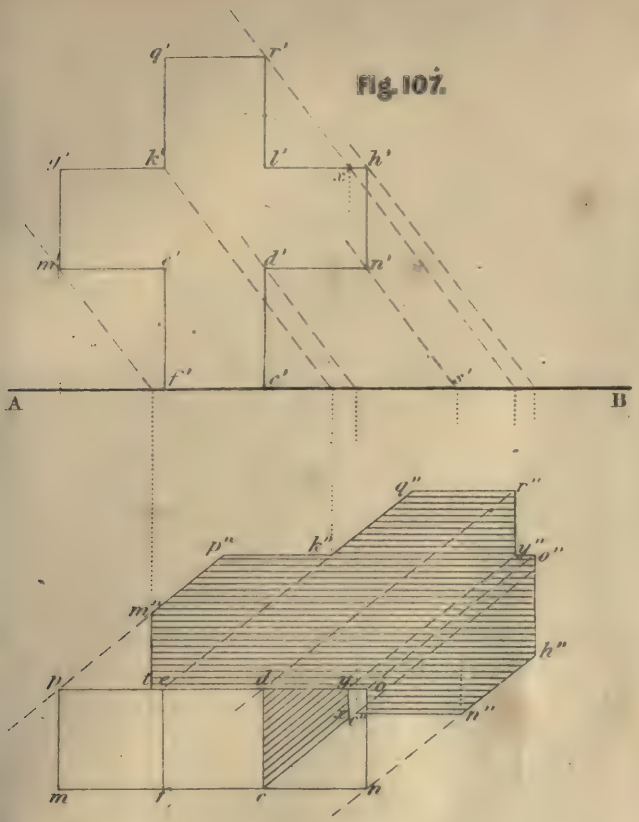


Fig. 108.

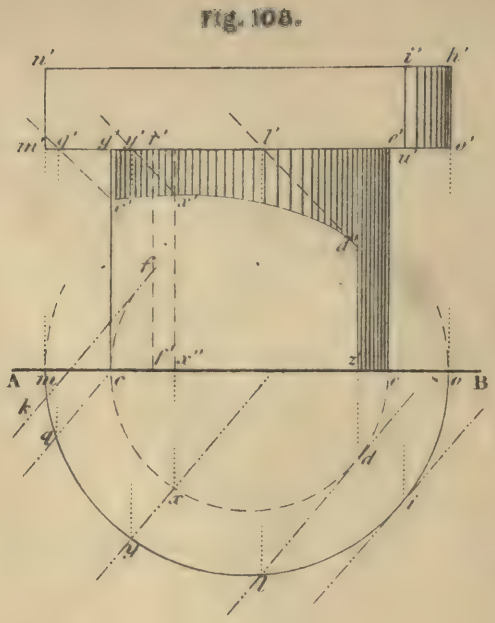


Fig. 109.

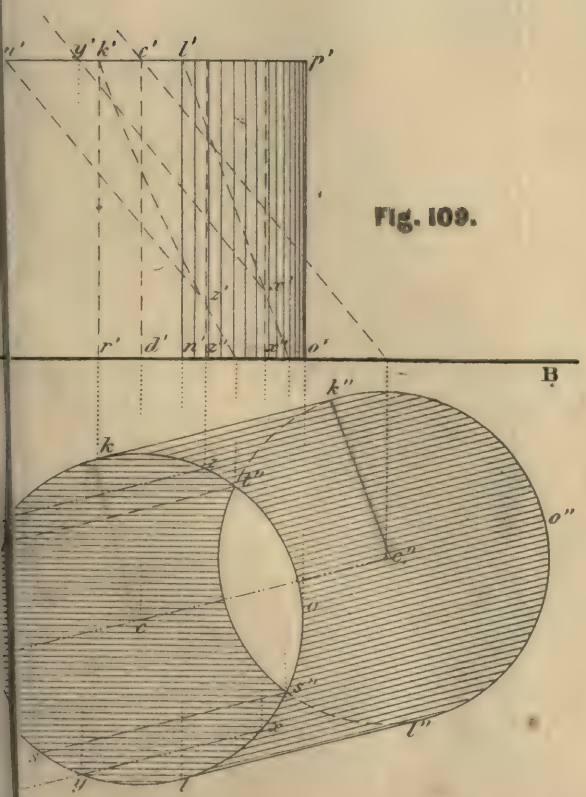
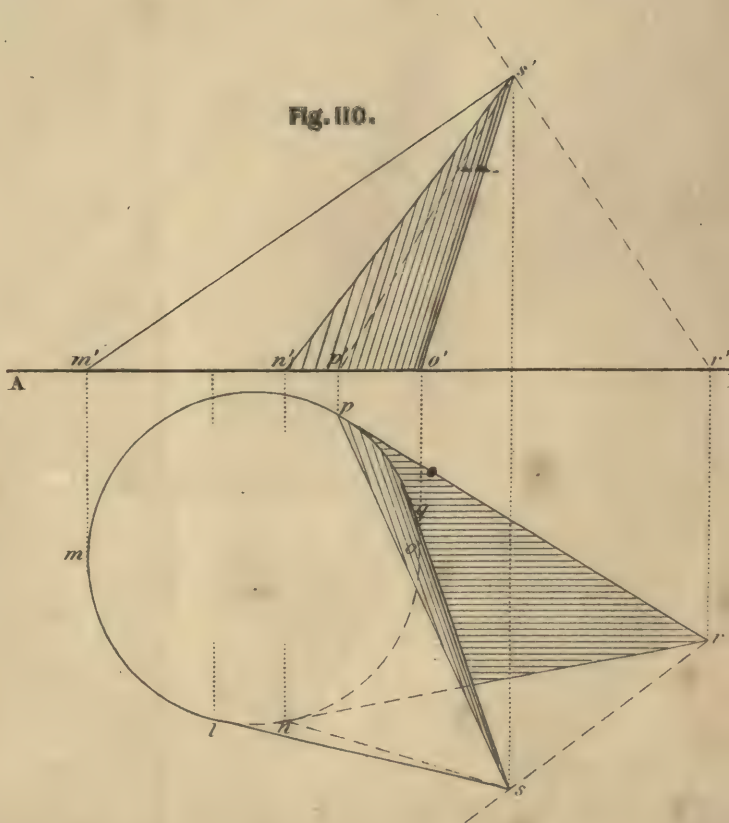
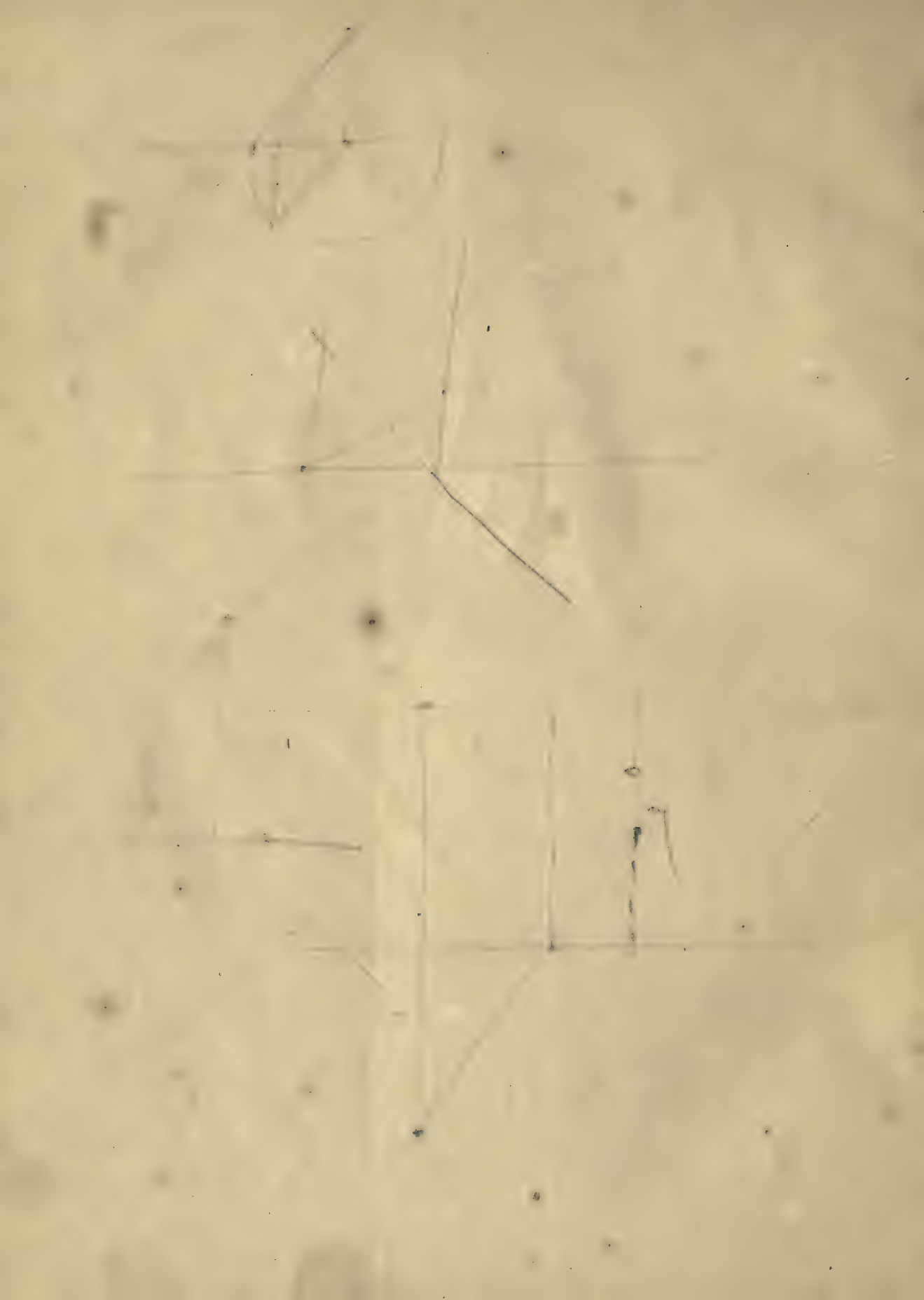


Fig. 110.





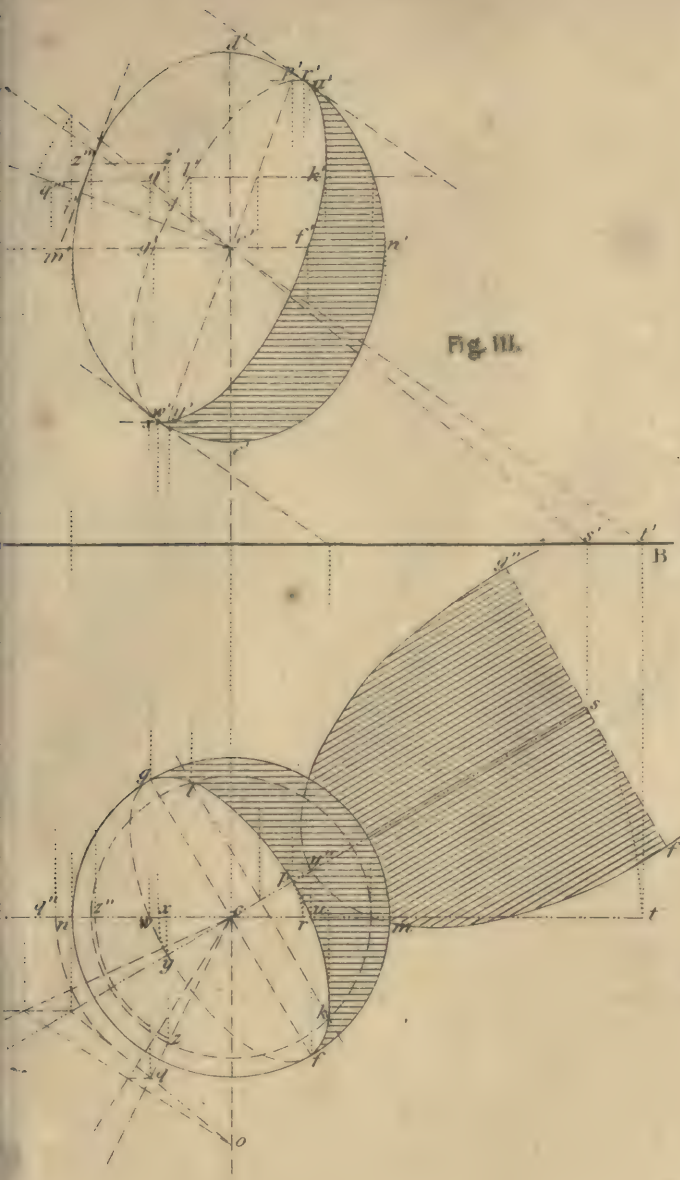


Fig. 111.

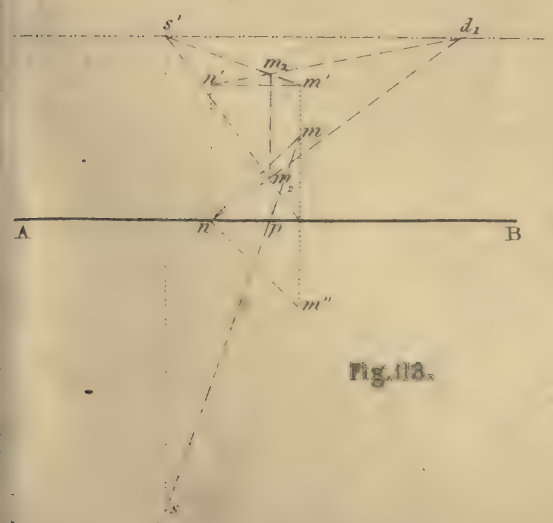


Fig. 113.

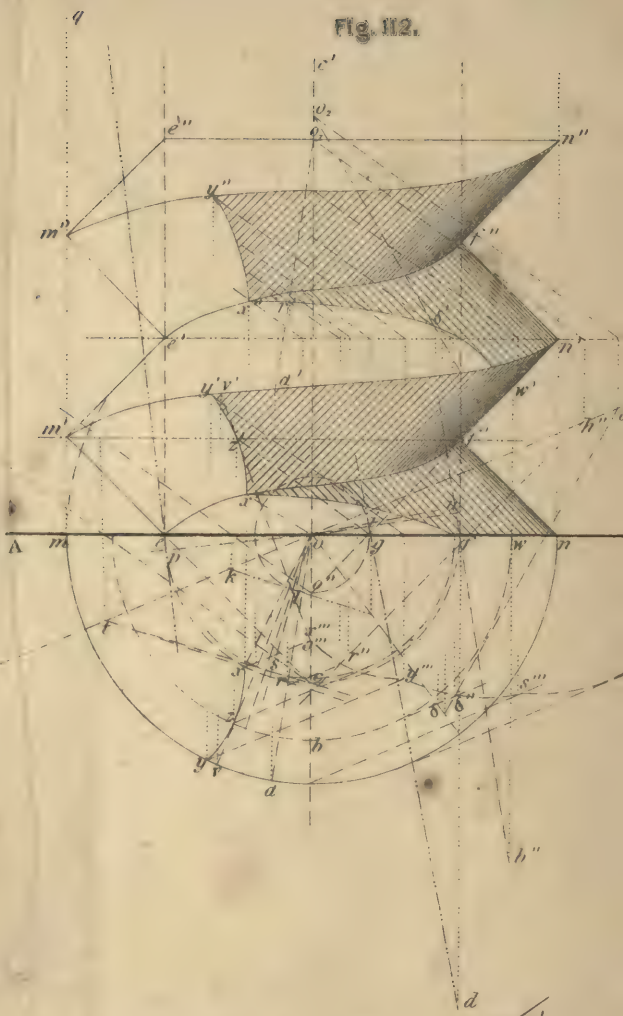


Fig. 112.

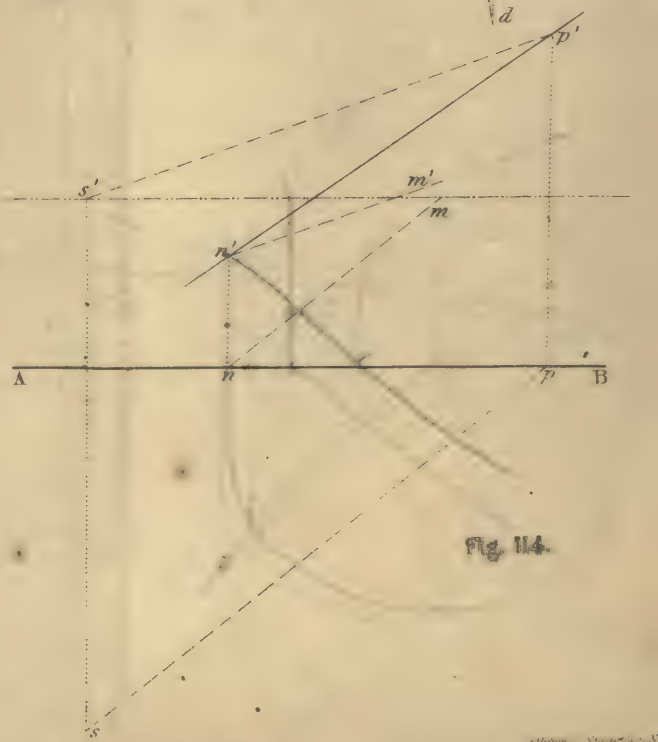


Fig. 114.

Fig. 115.

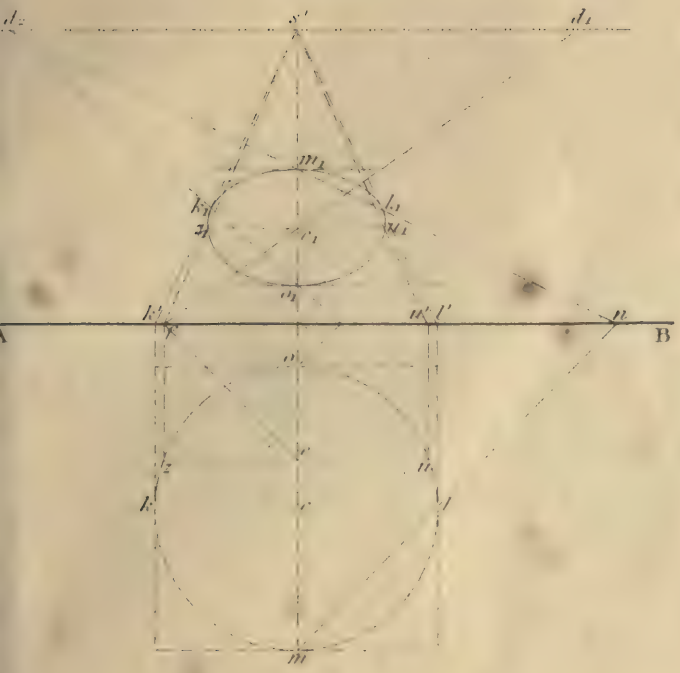


Fig. 116.

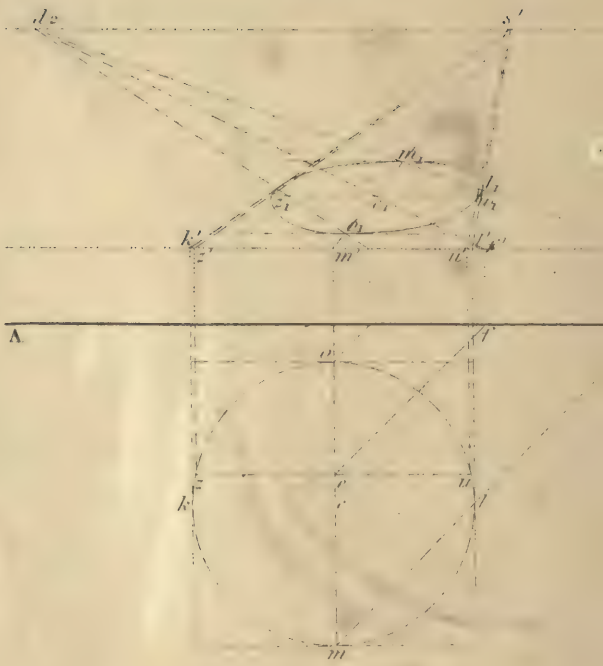


Fig. 117.

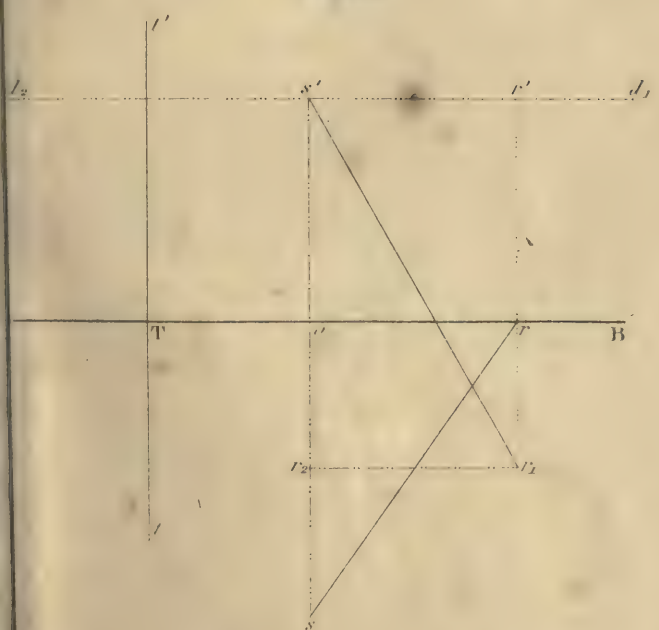


Fig. 118.

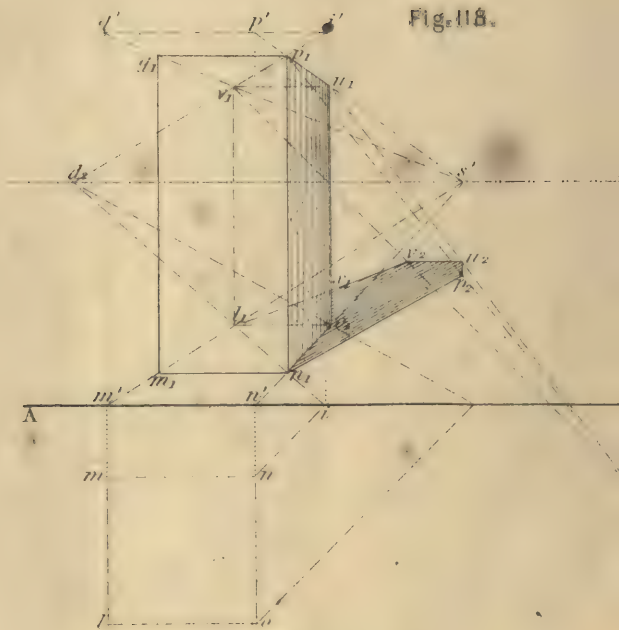


Fig. 119.

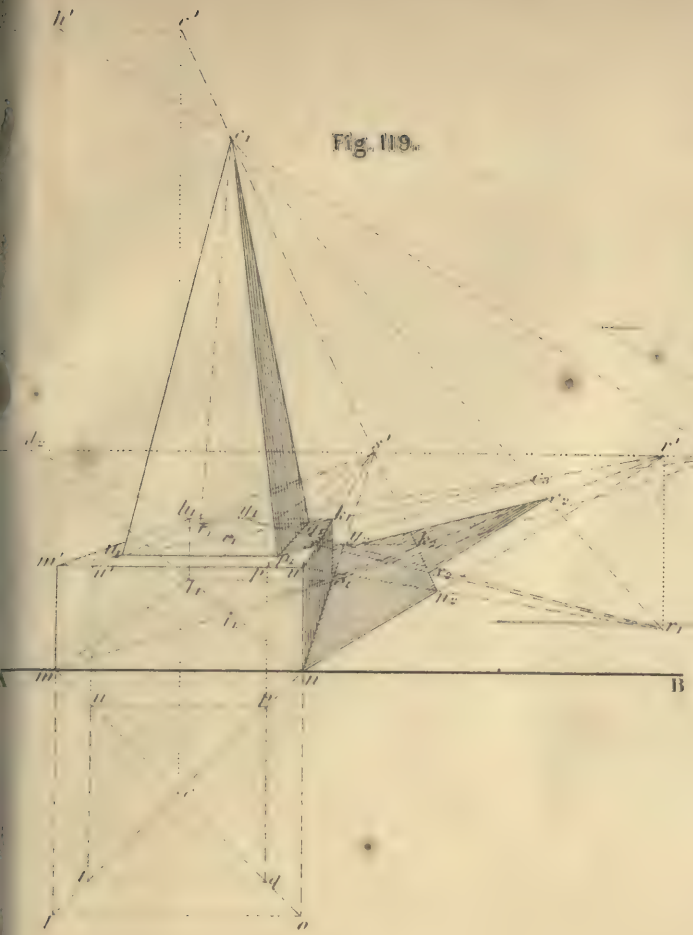


Fig. 120.

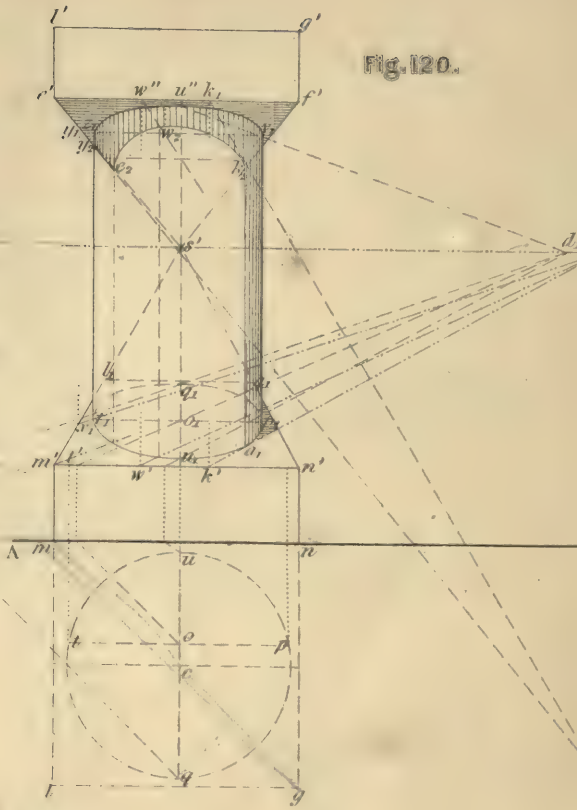


Fig. 121.

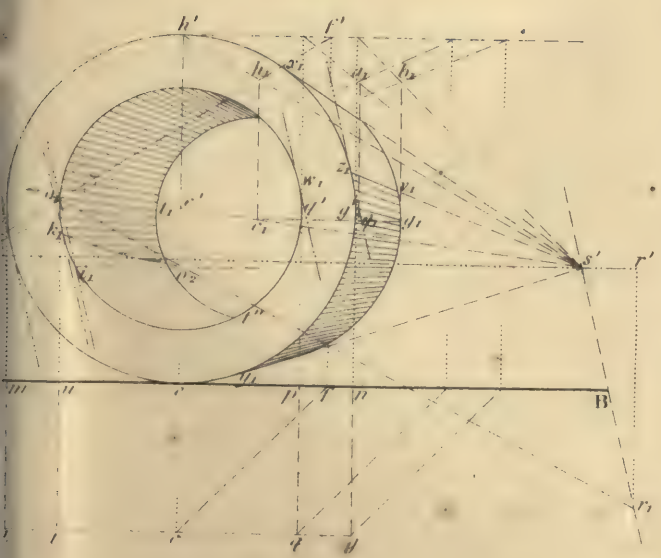


Fig. 122.

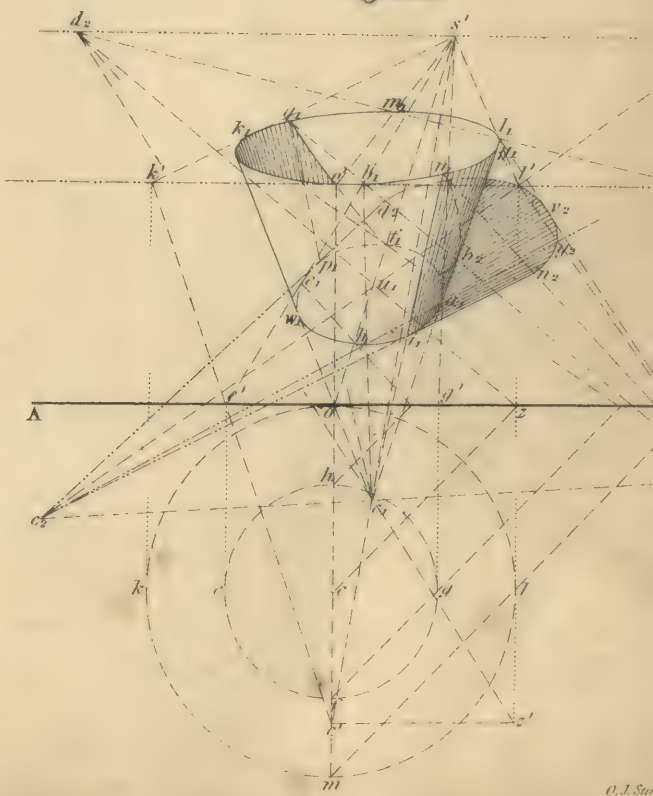


Fig. 123.

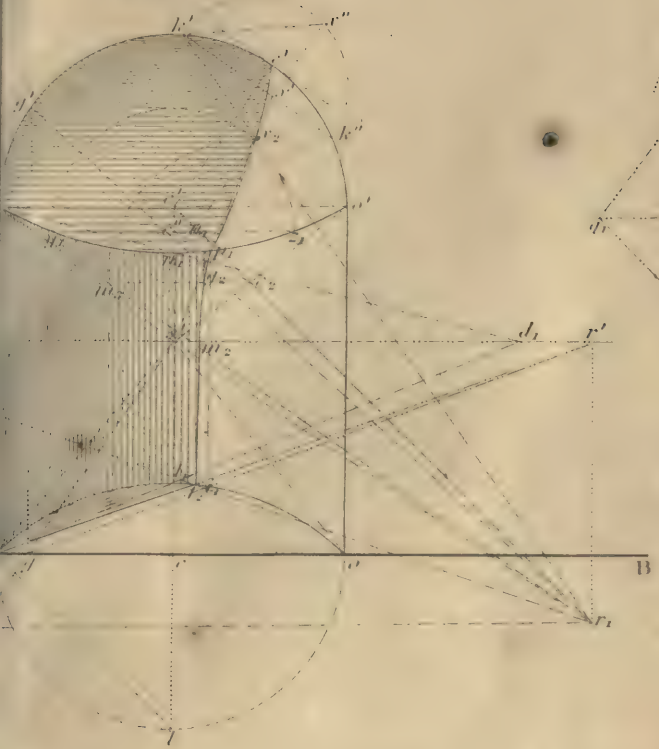


Fig. 124.

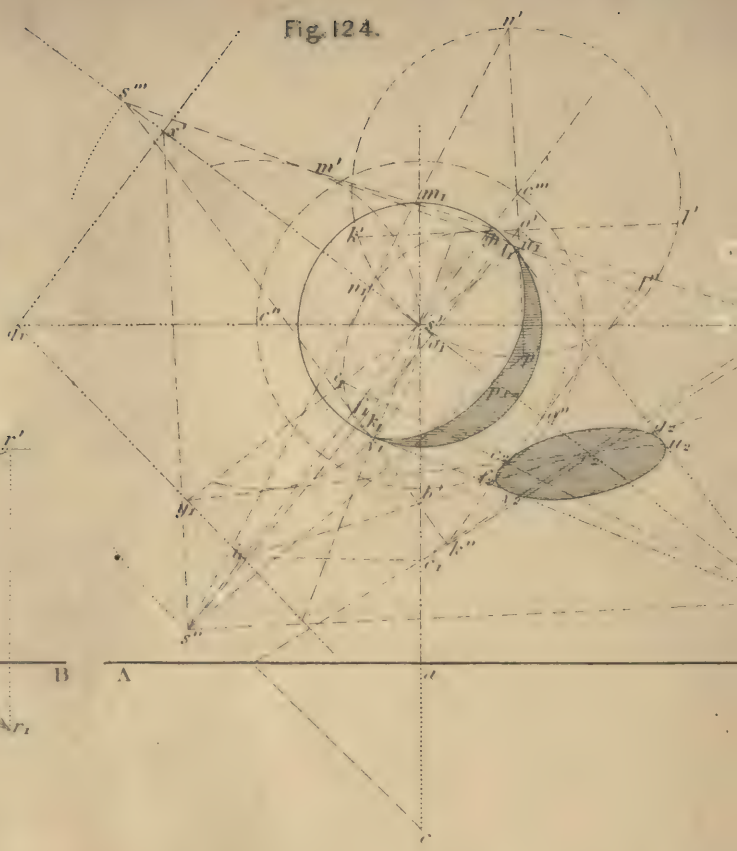


Fig. 125.

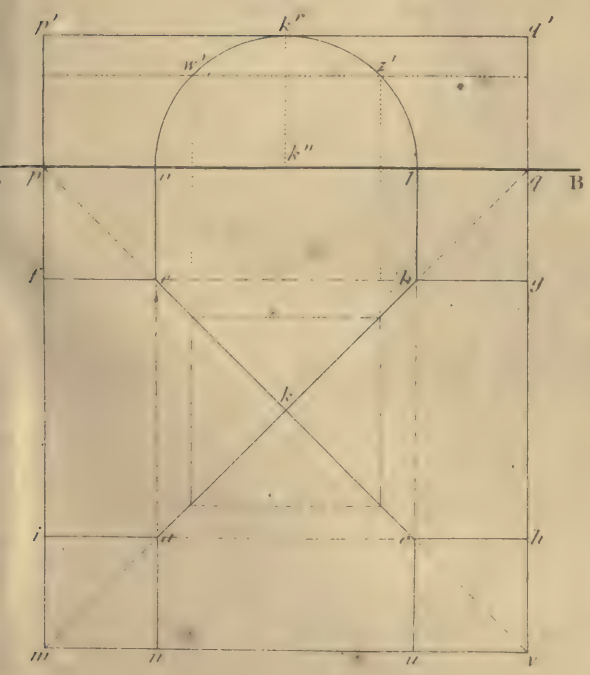
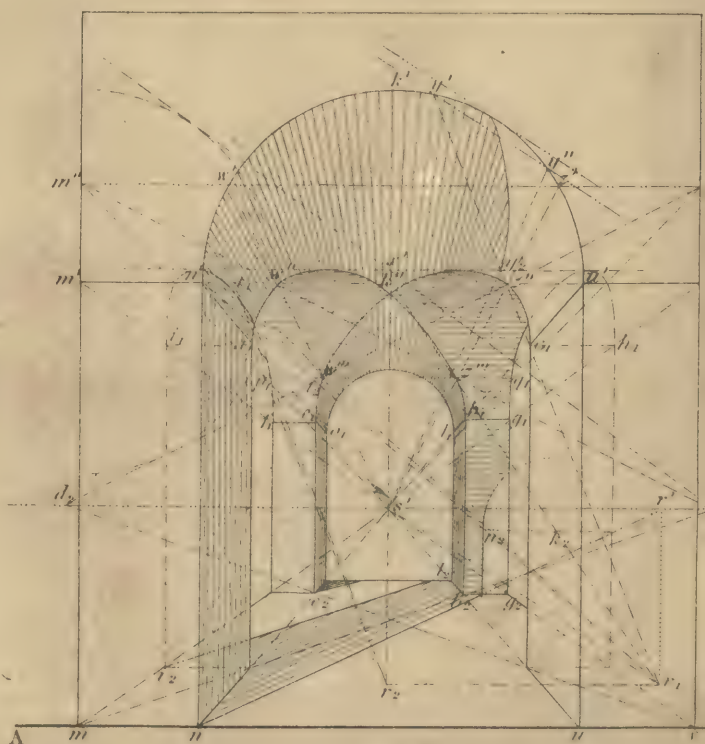


Fig. 126.



Divergence of axis Sparrow downwards
Cormorant. Both a little, but more —
Gulls have ⊖ Cornea - ①
Birds - are eyelids by
the cornea of the eye — Fishes
In fishes sometimes lens is perfectly hard,
Hagfishes have very good eyes
Mantis shrimps have eyes on stalks.
In Scallops we have eye spots —

OCT 24 1920

UNIVERSITY OF CALIFORNIA LIBRARY
BERKELEY

Return to desk from which borrowed.
This book is DUE on the last date stamped below.

NOV 29 1947 REC'D LD JAN 14 71 -10 PM 20

JAN 28 1971 24

MAY 3 1948

18Dec'48DI

Jul8'50MZ

4 Oct'56KK

REC'D LD

SEP 20 1956

LD 21–100m-9,'47(A5702s16)476

Photomount
Pamphlet
Binder
Gaylord Bros., Inc.
Makers
Stockton, Calif.
PAT. JAN. 21, 1908

TE 17144

18362C

QA 501
C5
atlas

THE UNIVERSITY OF CALIFORNIA LIBRARY